

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101823\
 Data File : BP017715.D
 Acq On : 18 Oct 2023 18:24
 Operator : MA/JU
 Sample : SSTD00534
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005645

Quant Time: Oct 19 00:54:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 00:53:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	130752	20.000	ng/u1	0.00
20) Naphthalene-d8	10.716	136	480662	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	311914	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	692177	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	658928	20.000	ng/u1	0.00
88) Perylene-d12	24.057	264	742733	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	6843	1.952	ng/uL	0.00
4) Pyridine-d5	3.705	84	38501	3.989	ng/u1	0.01
7) Phenol-d5	7.052	99	41980	3.525	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	29792	4.116	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	38946	4.191	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	32657	3.455	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	16271	4.060	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	15831	3.523	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	32999	3.876	ng/u1	0.00
31) 4-Chloroaniline-d4	10.899	131	38914	3.255	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	122369	4.575	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	127740	4.402	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	4355	1.006	ng/u1	0.02
60) Fluorene-d10	15.587	176	104720	4.585	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	11527	2.413	ng/u1	0.00
73) Anthracene-d10	17.469	188	160131	4.498	ng/u1	0.00
81) Pyrene-d10	19.727	212	188479	4.713	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	181107	4.334	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	7071	1.875	ng/uL	96
5) Pyridine	3.722	79	41048	4.129	ng/u1	96
6) Benzaldehyde	7.058	77	28510	4.751	ng/u1	99
8) Phenol	7.081	94	43176	3.671	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.334	93	40141	4.210	ng/u1	95
12) 2-Chlorophenol	7.446	128	38828	4.192	ng/u1	99
13) 2-Methylphenol	8.340	108	31788	3.613	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	31523	2.584	ng/u1	97
16) Acetophenone	8.746	105	55236	3.756	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.710	70	27382	3.714	ng/u1	95
18) 4-Methylphenol	8.681	108	32314	3.393	ng/u1	97
19) Hexachloroethane	8.946	117	19695	4.738	ng/u1	93
22) Nitrobenzene	9.140	77	42400	4.148	ng/u1	99
23) Isophorone	9.652	82	78578	4.287	ng/u1	98
25) 2-Nitrophenol	9.846	139	17683	3.696	ng/u1	97
26) 2,4-Dimethylphenol	9.887	107	39904	4.223	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.140	93	47964	4.240	ng/u1	97
29) 2,4-Dichlorophenol	10.375	162	34382	4.207	ng/u1	94
30) Naphthalene	10.769	128	130813	4.697	ng/u1	98
32) 4-Chloroaniline	10.922	127	36115	3.157	ng/u1	95
33) Hexachlorobutadiene	10.993	225	31844	4.983	ng/u1	93
34) Caprolactam	11.757	113	4785	1.978	ng/u1	92
35) 4-Chloro-3-methylphenol	12.034	107	30480	3.610	ng/u1	98
36) 2-Methylnaphthalene	12.387	142	86162	4.531	ng/u1	97

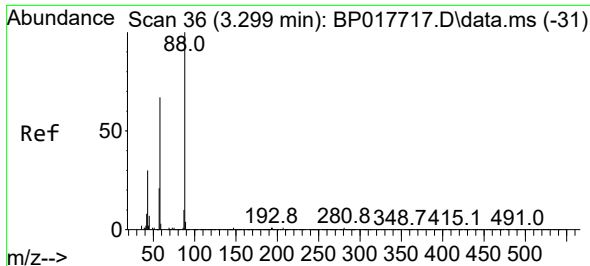
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101823\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	88565	4.570	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.740	216	53445	4.677	ng/ul	98
40) Hexachlorocyclopentadiene	12.681	237	18463	3.450	ng/ul	93
41) 2,4,6-Trichlorophenol	13.004	196	27828	3.991	ng/ul	96
42) 2,4,5-Trichlorophenol	13.087	196	29014	3.953	ng/ul	94
43) 1,1'-Biphenyl	13.404	154	116721	4.554	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	95983	4.677	ng/ul	98
45) 2-Nitroaniline	13.710	65	16478	3.020	ng/ul	96
47) Dimethylphthalate	14.045	163	122142	4.621	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	18211	3.757	ng/ul	88
50) Acenaphthylene	14.310	152	145905	4.442	ng/ul	99
51) 3-Nitroaniline	14.551	138	13393	2.791	ng/ul	94
52) Acenaphthene	14.645	153	106221	4.846	ng/ul	100
53) 2,4-Dinitrophenol	14.769	184	4394	1.502	ng/ul	94
55) 4-Nitrophenol	14.863	109	11024	2.703	ng/ul#	78
56) Dibenzofuran	14.987	168	144781	4.616	ng/ul	96
57) 2,4-Dinitrotoluene	14.992	165	26407	3.532	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.210	232	27259	4.068	ng/ul	94
59) Diethylphthalate	15.404	149	116060	4.414	ng/ul	97
61) Fluorene	15.639	166	121051	4.699	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.634	204	64379	4.704	ng/ul	99
63) 4-Nitroaniline	15.728	138	10669	2.270	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.751	198	13165	2.605	ng/ul#	95
67) N-Nitrosodiphenylamine	15.863	169	94448	4.566	ng/ul	98
68) 4-Bromophenyl-phenylether	16.545	248	36978	4.461	ng/ul	97
69) Hexachlorobenzene	16.622	284	43107	4.396	ng/ul	96
70) Atrazine	16.828	200	31473	3.988	ng/ul	97
71) Pentachlorophenol	16.998	266	17411	2.956	ng/ul	95
72) Phenanthrene	17.416	178	191757	4.712	ng/ul	99
74) Anthracene	17.510	178	190424	4.633	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	52558	4.749	ng/ul	97
76) Pentachlorobenzene	14.875	250	52757	4.704	ng/ul	97
77) Carbazole	17.804	167	140878	3.844	ng/ul	98
78) Di-n-butylphthalate	18.310	149	170610	3.809	ng/ul	99
80) Fluoranthene	19.398	202	214099	4.674	ng/ul	100
82) Pyrene	19.757	202	234070	4.879	ng/ul	99
83) Butylbenzylphthalate	20.627	149	69440	3.819	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	45673	2.801	ng/ul	95
85) Benzo(a)anthracene	21.492	228	228892	4.526	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.374	149	94159	3.457	ng/ul	99
87) Chrysene	21.551	228	222225	4.737	ng/ul	100
89) Di-n-octyl phthalate	22.351	149	165586	3.471	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	225946	4.443	ng/ul	99
91) Benzo(k)fluoranthene	23.316	252	231019	4.584	ng/ul	97
93) Benzo(a)pyrene	23.945	252	206070	4.368	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.768	276	251039	4.354	ng/ul	98
95) Dibenzo(a,h)anthracene	26.798	278	208640	4.331	ng/ul	97
96) Benzo(g,h,i)perylene	27.609	276	207403	4.523	ng/ul	99

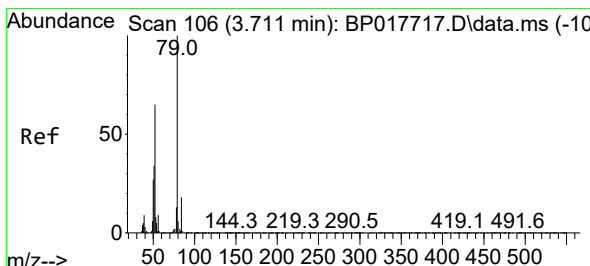
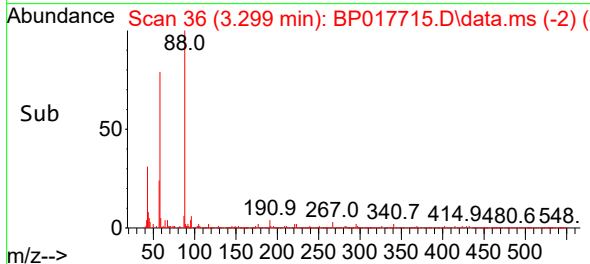
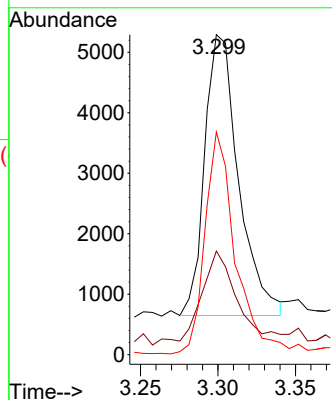
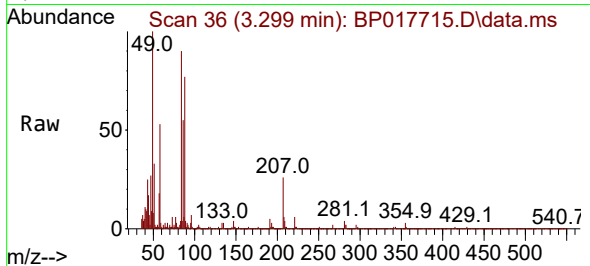
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#2
1,4-Dioxane
Concen: 1.875 ng/uL
RT: 3.299 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP017715.D
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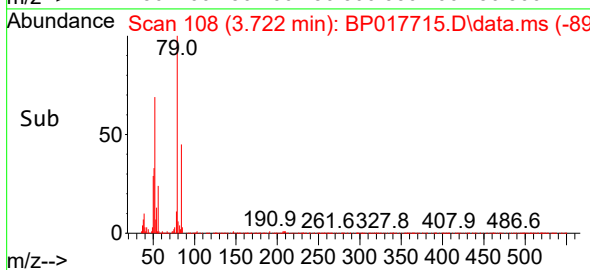
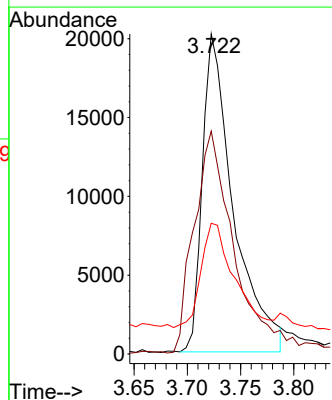
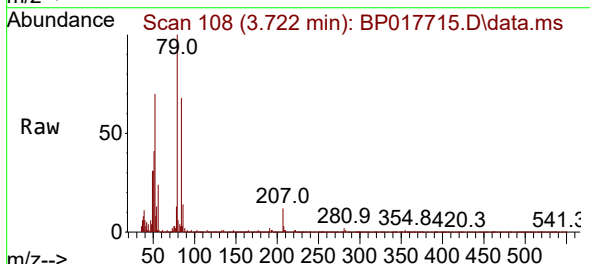
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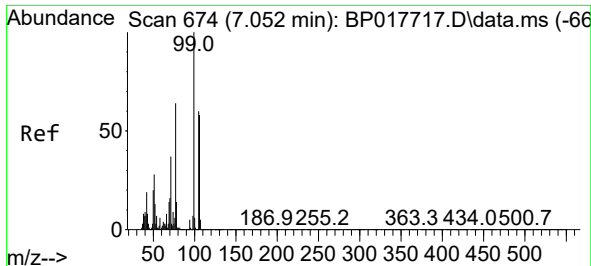
Tgt Ion:	88	Resp:	7071
Ion	Ratio	Lower	Upper
88	100		
43	32.4	24.4	36.6
58	69.6	53.0	79.6



#5
Pyridine
Concen: 4.129 ng/uL
RT: 3.722 min Scan# 108
Delta R.T. 0.012 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion:	79	Resp:	41048
Ion	Ratio	Lower	Upper
79	100		
52	69.7	57.2	85.8
51	40.8	28.6	42.8

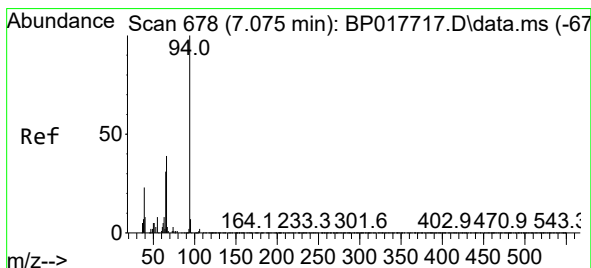
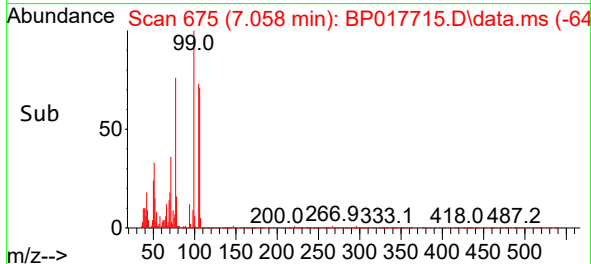
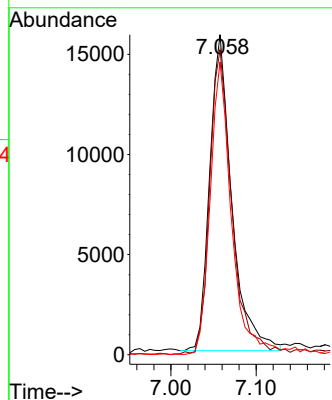
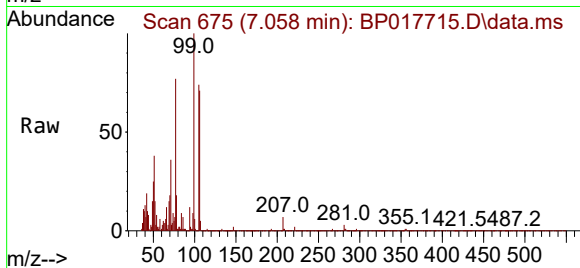




#6
Benzaldehyde
Concen: 4.751 ng/ul
RT: 7.058 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

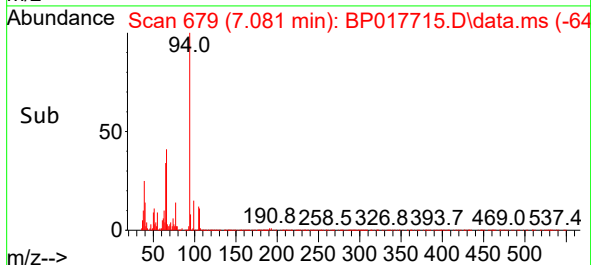
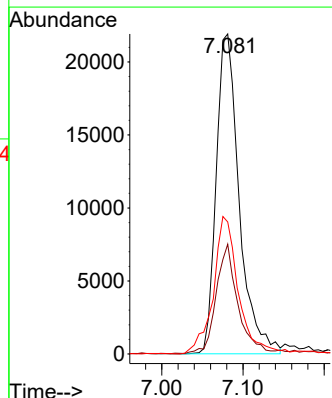
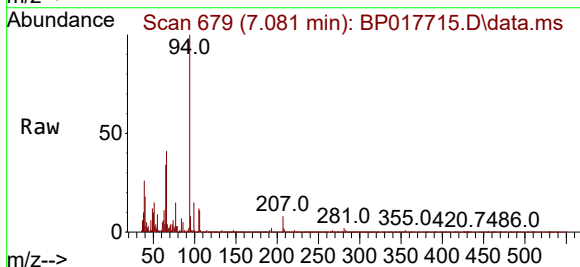
Instrument :
BNA_P
ClientSampleId :
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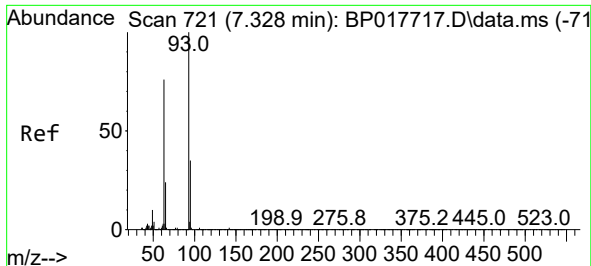
Tgt Ion: 77 Resp: 28510
Ion Ratio Lower Upper
77 100
105 95.3 75.4 113.2
106 91.5 72.3 108.5



#8
Phenol
Concen: 3.671 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. 0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion: 94 Resp: 43176
Ion Ratio Lower Upper
94 100
65 34.3 25.0 37.4
66 41.2 33.0 49.6

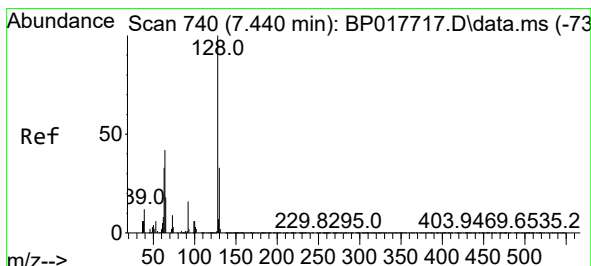
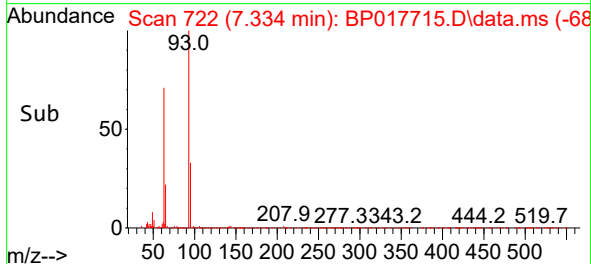
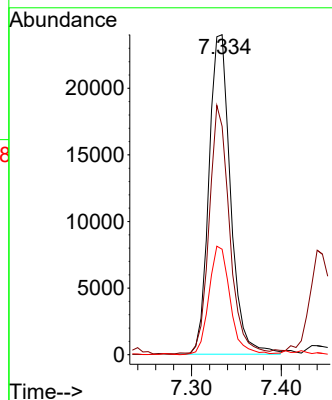
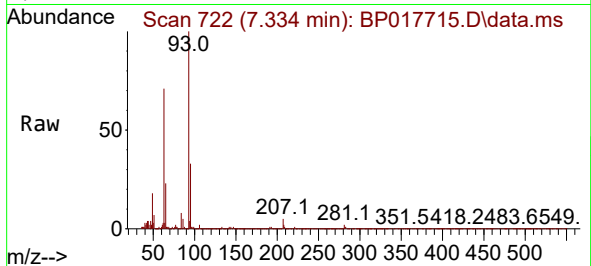




#10
Bis(2-Chloroethyl)ether
Concen: 4.210 ng/ul
RT: 7.334 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

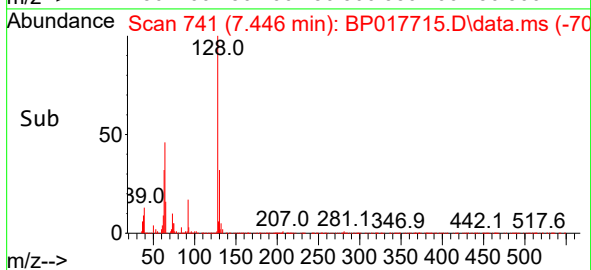
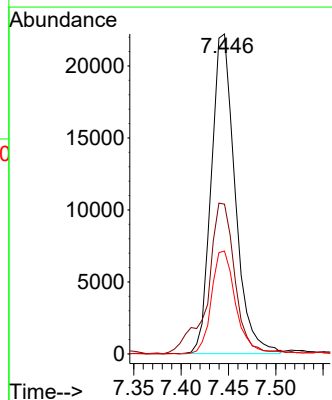
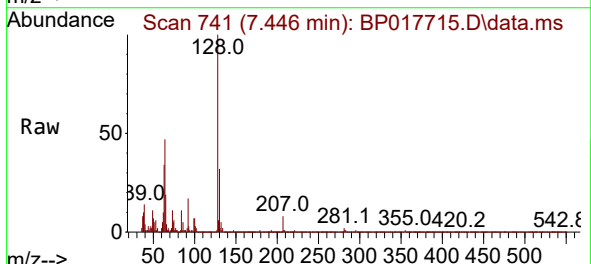
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ClientSampleId :
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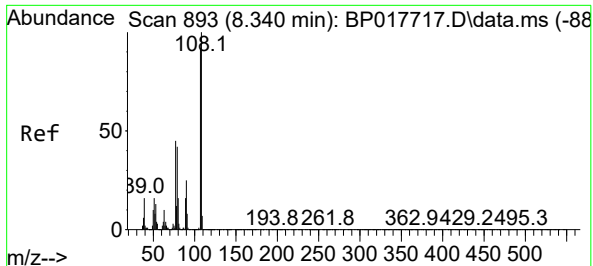
Tgt Ion: 93 Resp: 40141
Ion Ratio Lower Upper
93 100
63 71.3 60.7 91.1
95 33.0 27.8 41.6



#12
2-Chlorophenol
Concen: 4.192 ng/ul
RT: 7.446 min Scan# 741
Delta R.T. 0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion: 128 Resp: 38828
Ion Ratio Lower Upper
128 100
64 46.8 36.7 55.1
130 32.1 26.2 39.2





#13

2-Methylphenol

Concen: 3.613 ng/ul

RT: 8.340 min Scan# 893

Delta R.T. -0.000 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

Instrument :

BNA_P

ClientSampleId :

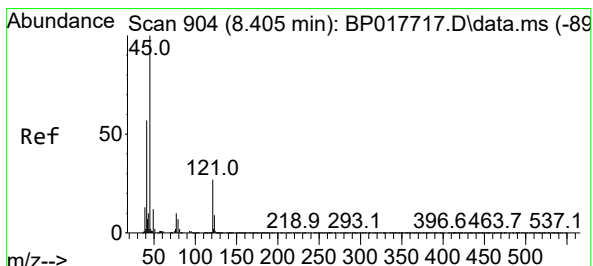
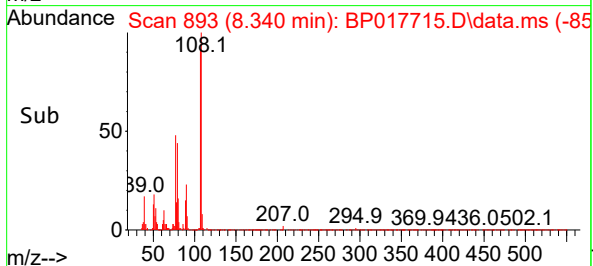
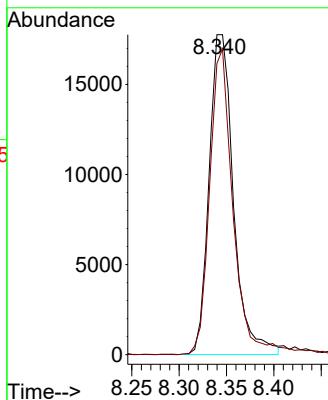
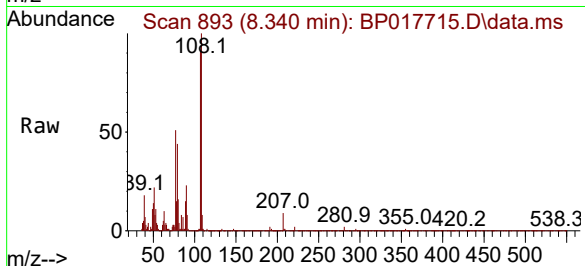
SSTD005645

Tgt Ion:108 Resp: 31788

Ion Ratio Lower Upper

108 100

107 91.0 73.4 110.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 2.584 ng/ul

RT: 8.399 min Scan# 903

Delta R.T. -0.006 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

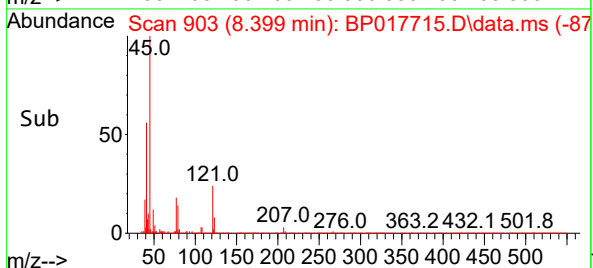
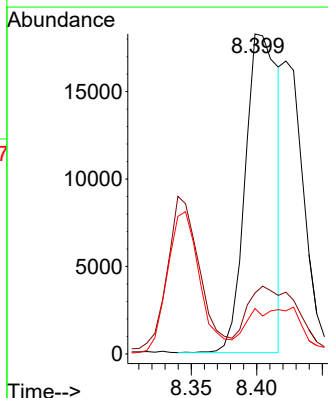
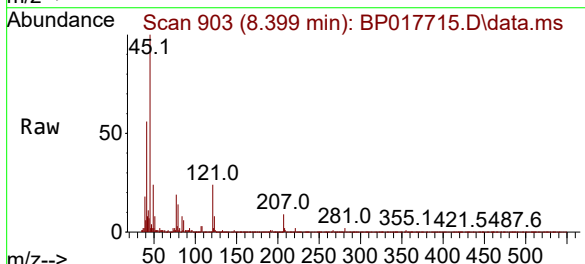
Tgt Ion: 45 Resp: 31523

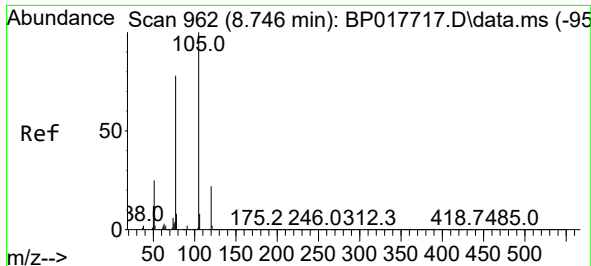
Ion Ratio Lower Upper

45 100

77 19.1 14.2 21.4

79 14.2 10.3 15.5

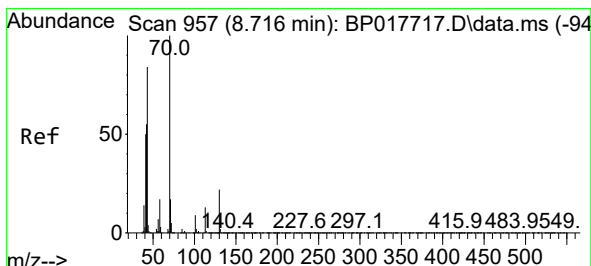
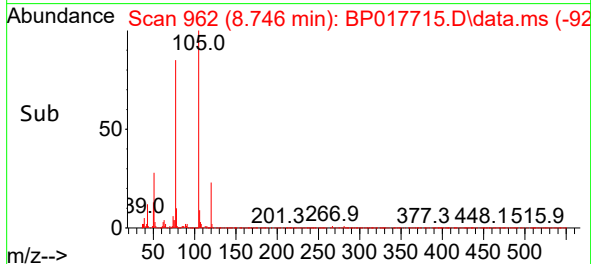
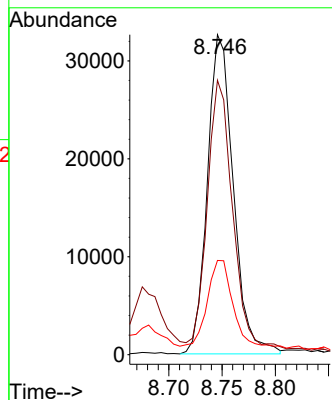
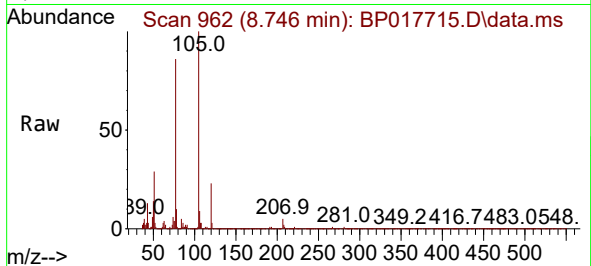




#16
Acetophenone
Concen: 3.756 ng/ul
RT: 8.746 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP017715.D
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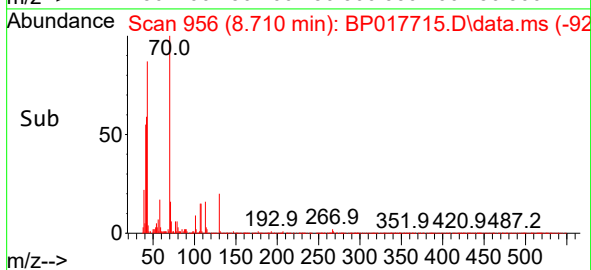
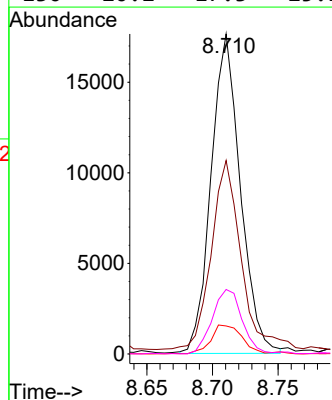
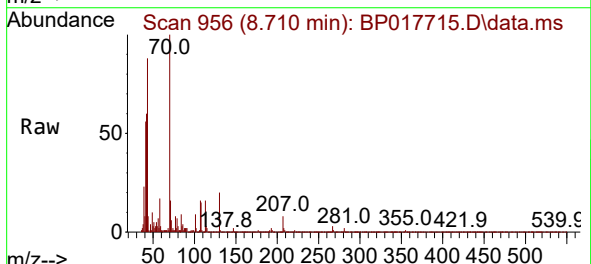
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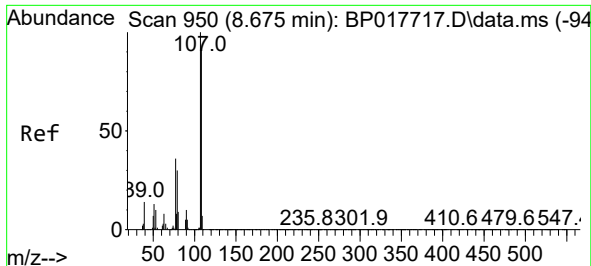
Tgt Ion:105 Resp: 55236
Ion Ratio Lower Upper
105 100
77 85.7 64.4 96.6
51 29.4 21.2 31.8



#17
N-Nitroso-di-n-propylamine
Concen: 3.714 ng/ul
RT: 8.710 min Scan# 956
Delta R.T. -0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion: 70 Resp: 27382
Ion Ratio Lower Upper
70 100
42 60.5 44.6 66.8
101 8.8 7.5 11.3
130 20.2 17.3 25.9

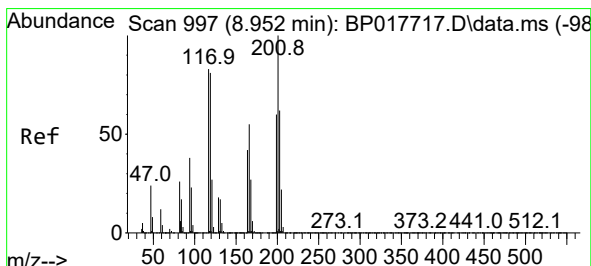
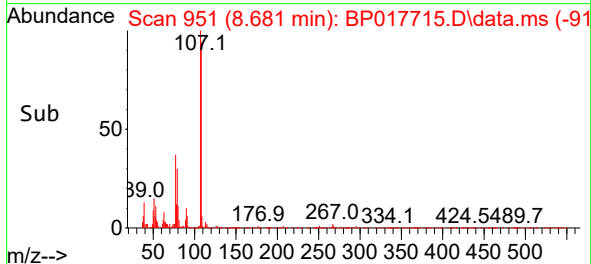
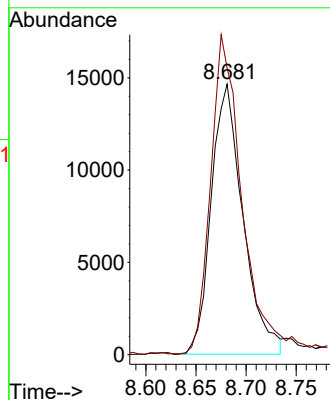
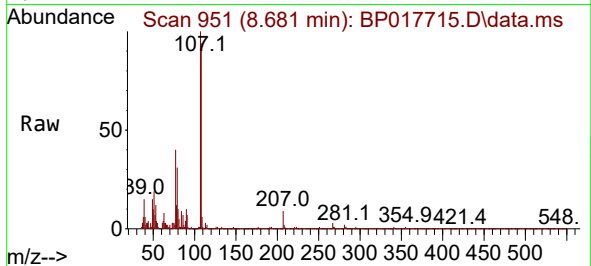




#18
4-Methylphenol
Concen: 3.393 ng/ul
RT: 8.681 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

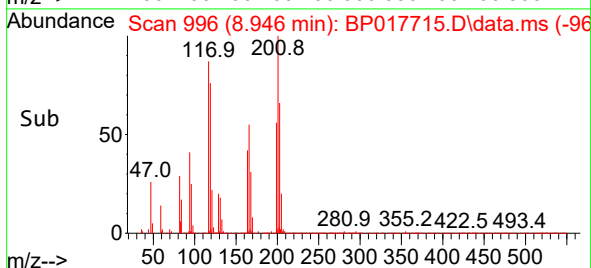
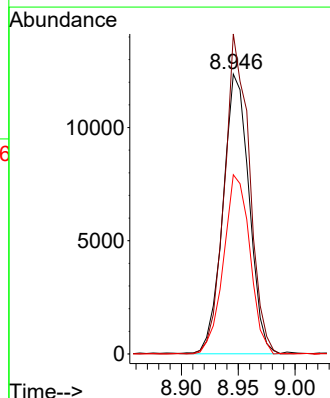
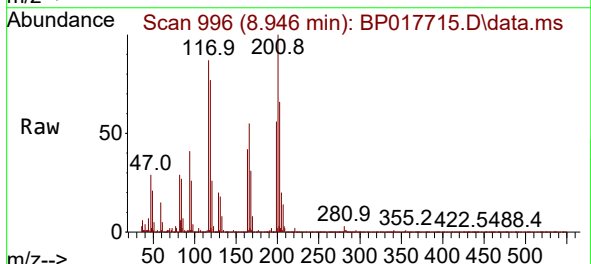
Instrument :
BNA_P
ClientSampleId :
SSTD005645

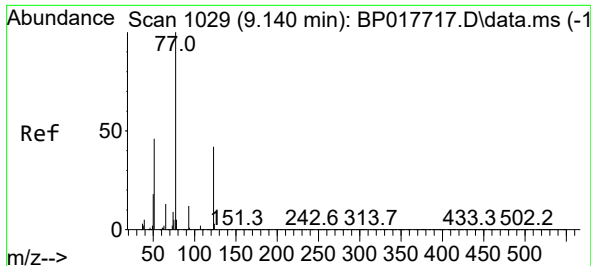
Tgt Ion:108 Resp: 32314
Ion Ratio Lower Upper
108 100
107 106.0 87.5 131.3



#19
Hexachloroethane
Concen: 4.738 ng/ul
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion:117 Resp: 19695
Ion Ratio Lower Upper
117 100
201 114.3 96.3 144.5
199 64.0 57.7 86.5

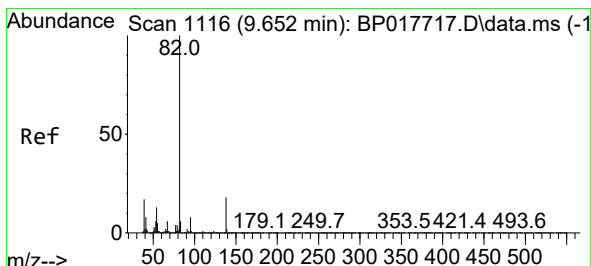
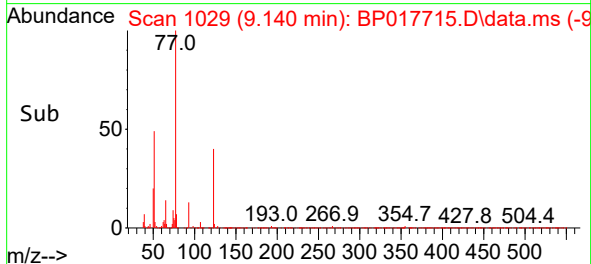
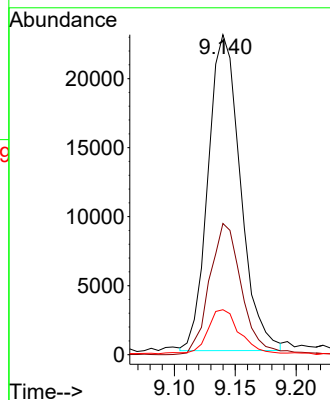
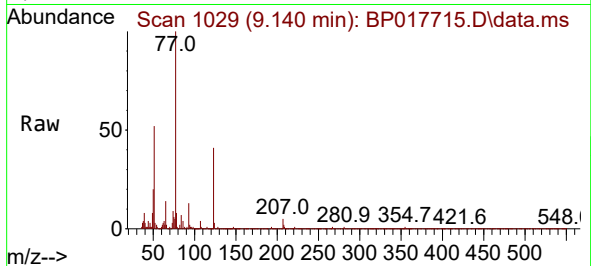




#22
Nitrobenzene
Concen: 4.148 ng/ul
RT: 9.140 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

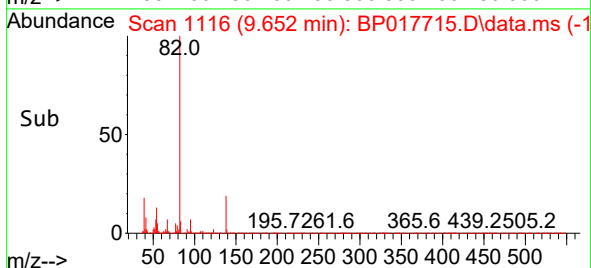
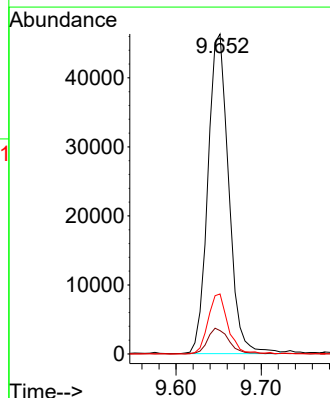
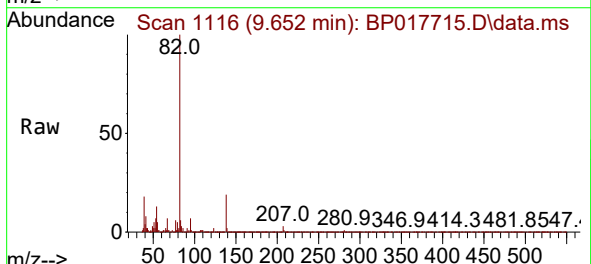
Instrument :
BNA_P
ClientSampleId :
SSTD005645

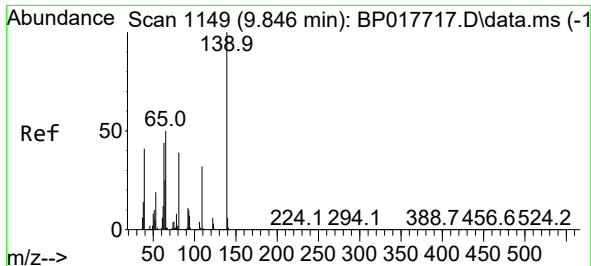
Tgt Ion: 77 Resp: 42400
Ion Ratio Lower Upper
77 100
123 41.0 33.5 50.3
65 14.0 10.8 16.2



#23
Isophorone
Concen: 4.287 ng/ul
RT: 9.652 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion: 82 Resp: 78578
Ion Ratio Lower Upper
82 100
95 7.3 6.2 9.2
138 18.7 14.4 21.6

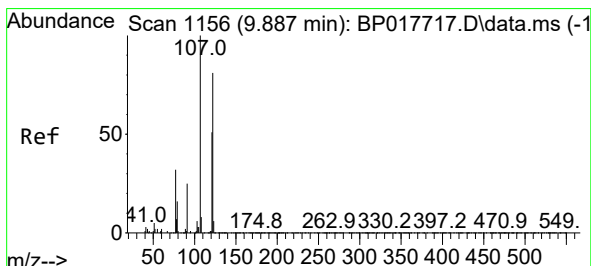
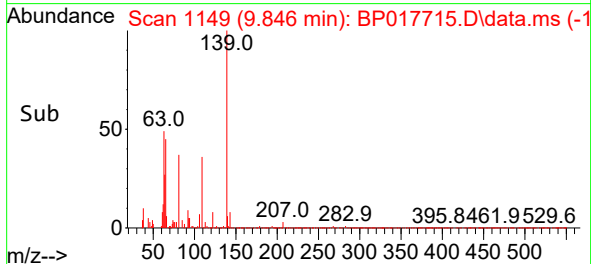
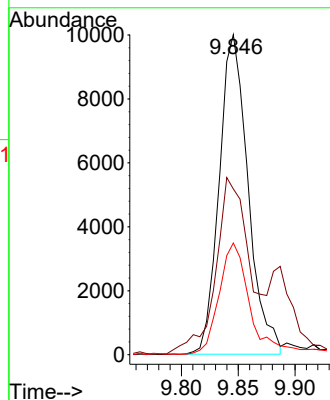
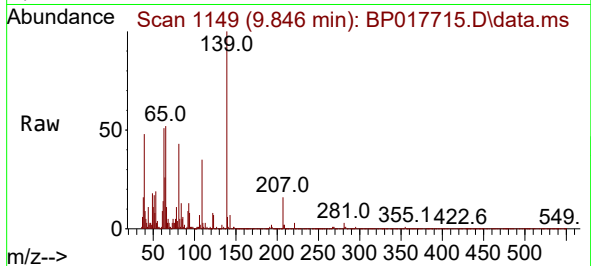




#25
2-Nitrophenol
Concen: 3.696 ng/ul
RT: 9.846 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

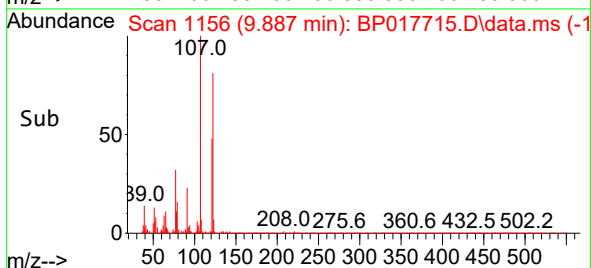
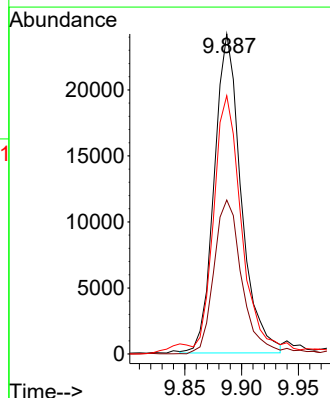
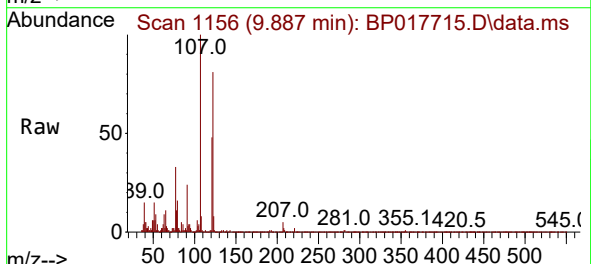
Instrument :
BNA_P
ClientSampleId :
SSTD005645

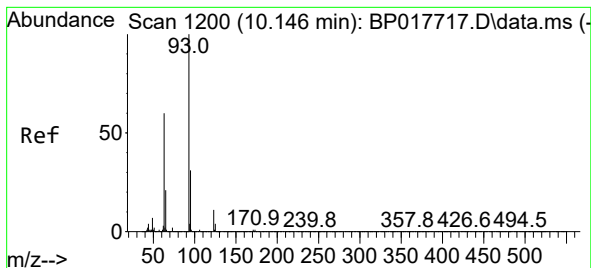
Tgt Ion:139 Resp: 17683
Ion Ratio Lower Upper
139 100
65 51.8 40.4 60.6
109 34.9 25.4 38.2



#26
2,4-Dimethylphenol
Concen: 4.223 ng/ul
RT: 9.887 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion:107 Resp: 39904
Ion Ratio Lower Upper
107 100
121 48.1 40.6 61.0
122 80.7 66.9 100.3





#27

Bis(2-Chloroethoxy)methane

Concen: 4.240 ng/ul

RT: 10.140 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

Instrument :

BNA_P

ClientSampleId :

SSTD005645

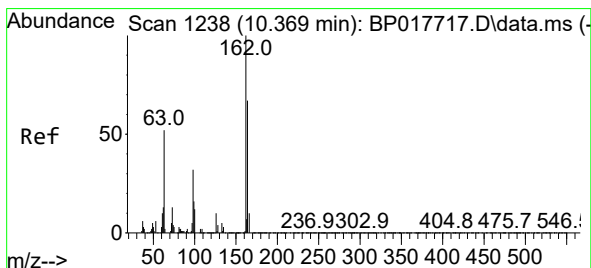
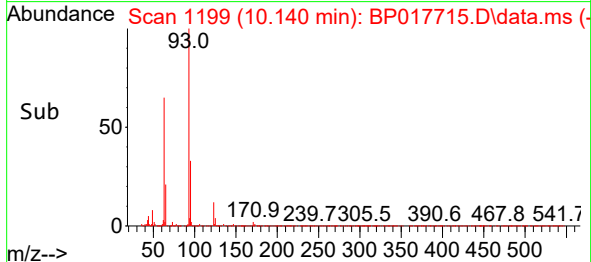
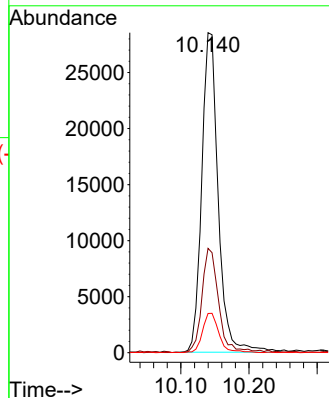
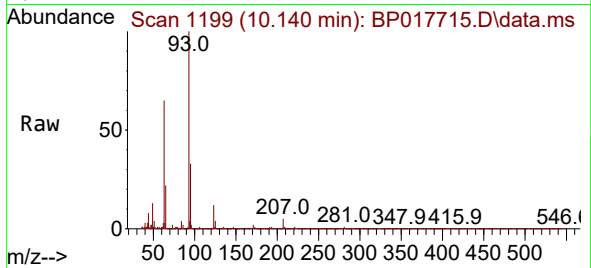
Tgt Ion: 93 Resp: 47964

Ion Ratio Lower Upper

93 100

95 32.6 24.7 37.1

123 12.3 8.9 13.3



#29

2,4-Dichlorophenol

Concen: 4.207 ng/ul

RT: 10.375 min Scan# 1239

Delta R.T. 0.006 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

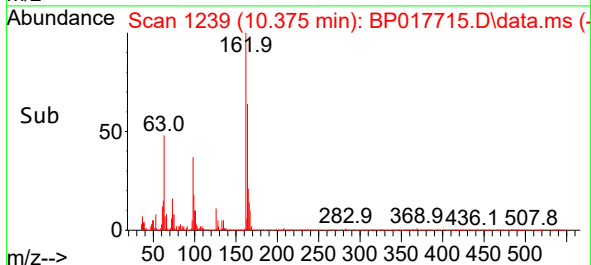
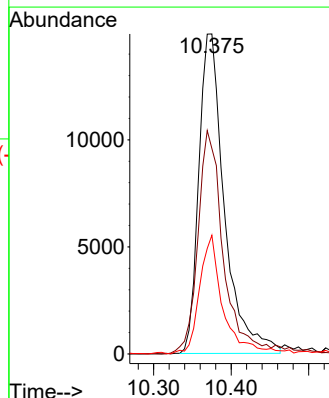
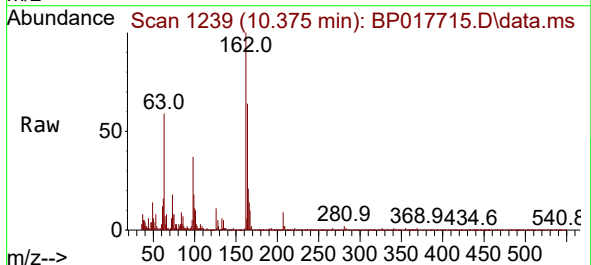
Tgt Ion:162 Resp: 34382

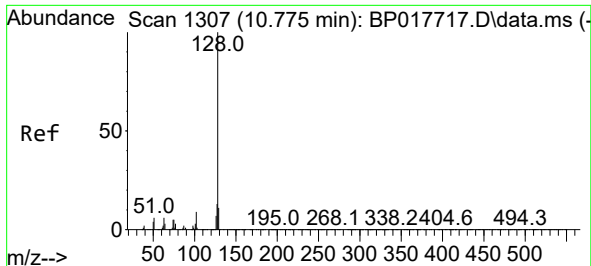
Ion Ratio Lower Upper

162 100

164 64.2 53.8 80.8

98 37.1 25.5 38.3

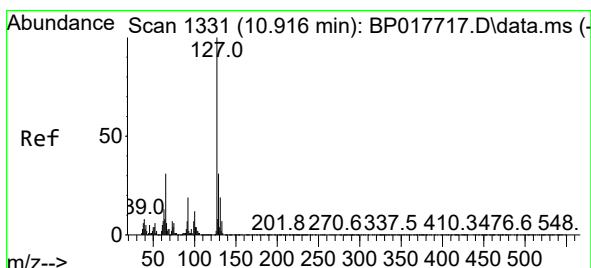
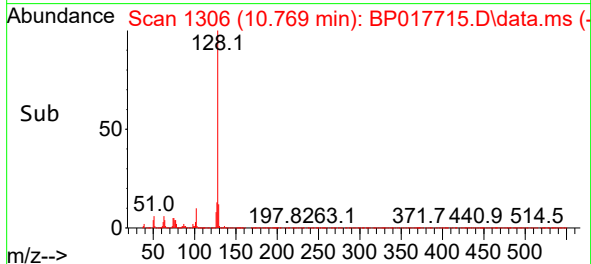
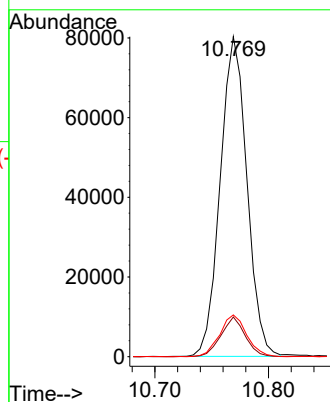
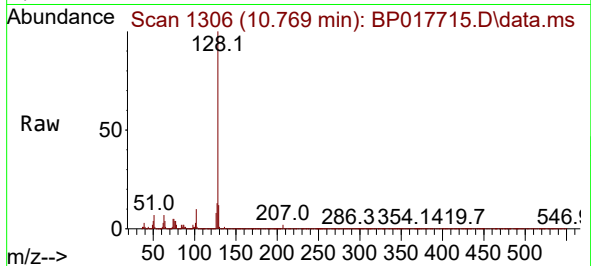




#30
Naphthalene
Concen: 4.697 ng/ul
RT: 10.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

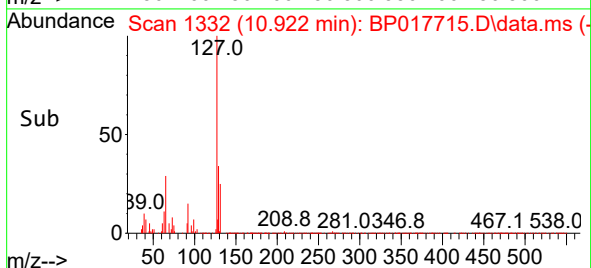
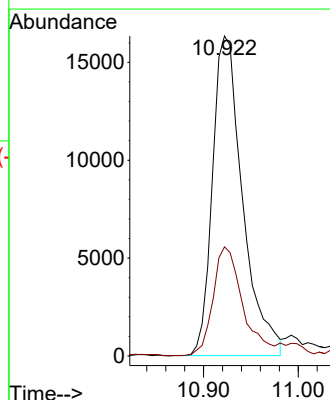
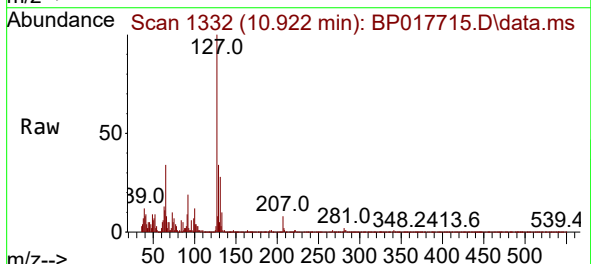
Instrument :
BNA_P
ClientSampleId :
SSTD005645

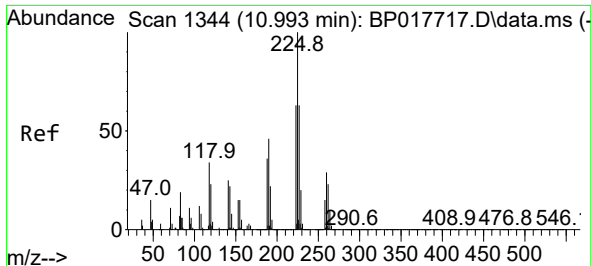
Tgt Ion:128 Resp: 130813
Ion Ratio Lower Upper
128 100
129 12.4 8.7 13.1
127 13.0 10.5 15.7



#32
4-Chloroaniline
Concen: 3.157 ng/ul
RT: 10.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion:127 Resp: 36115
Ion Ratio Lower Upper
127 100
129 34.1 25.1 37.7

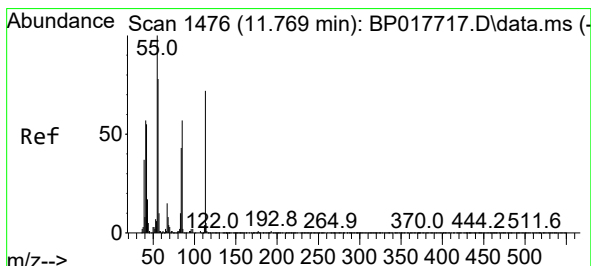
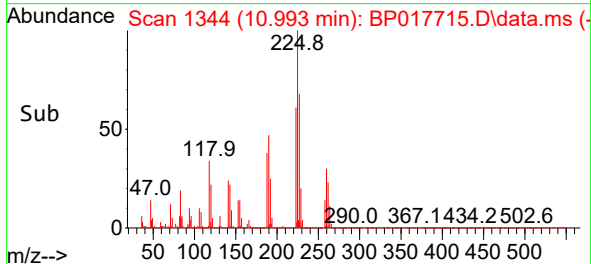
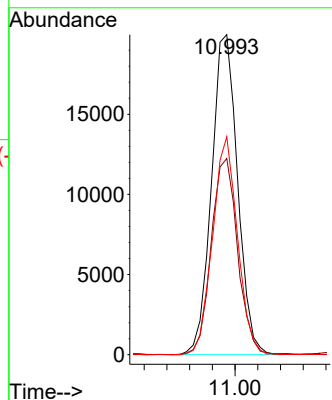
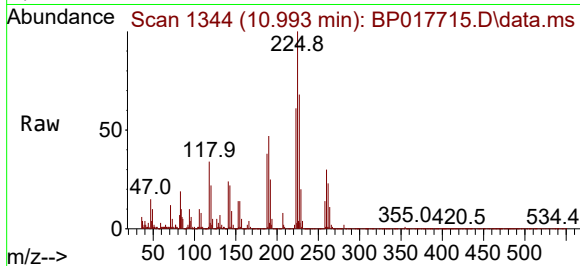




#33
Hexachlorobutadiene
Concen: 4.983 ng/ul
RT: 10.993 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

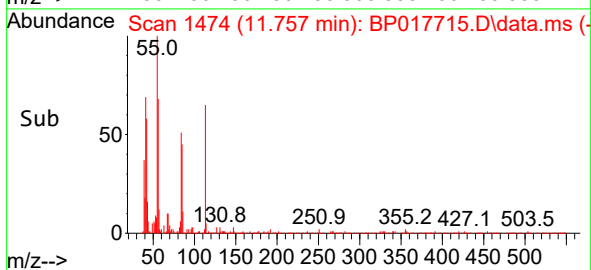
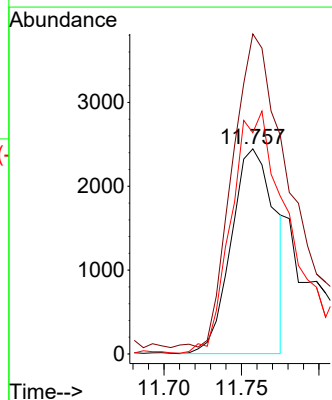
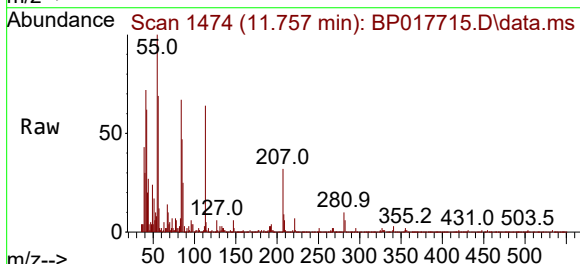
Instrument :
BNA_P
ClientSampleId :
SSTD005645

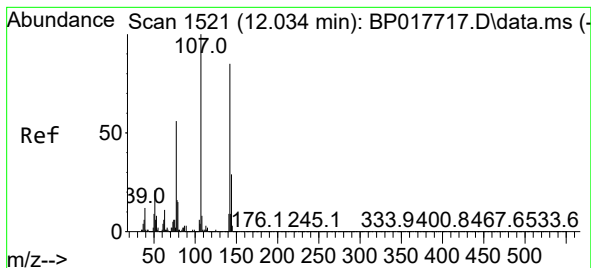
Tgt Ion:225 Resp: 31844
Ion Ratio Lower Upper
225 100
223 61.3 50.6 75.8
227 70.9 50.1 75.1



#34
Caprolactam
Concen: 1.978 ng/ul
RT: 11.757 min Scan# 1474
Delta R.T. -0.012 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion:113 Resp: 4785
Ion Ratio Lower Upper
113 100
55 155.9 112.1 168.1
56 107.8 87.0 130.6

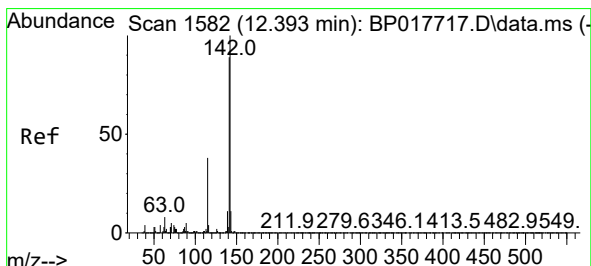
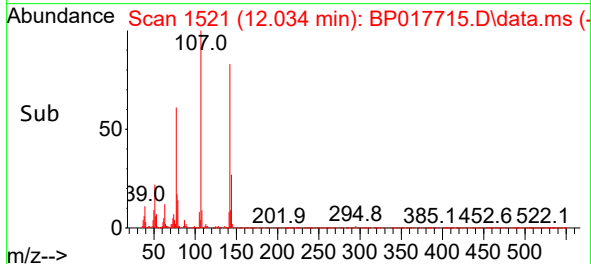
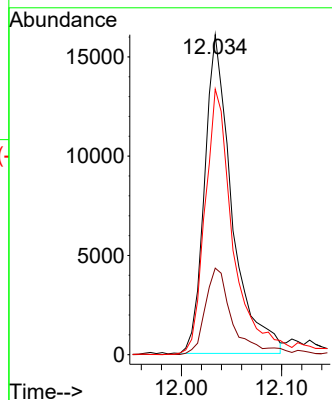
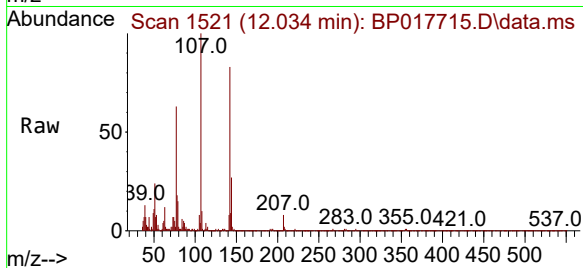




#35
4-Chloro-3-methylphenol
Concen: 3.610 ng/ul
RT: 12.034 min Scan# 1521
Delta R.T. -0.000 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

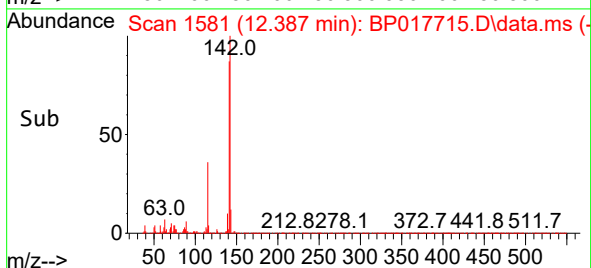
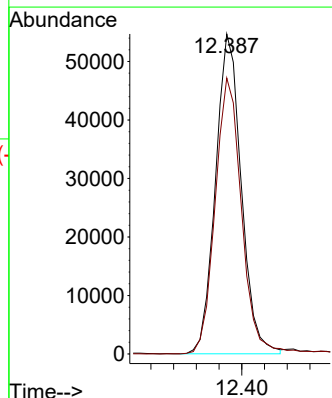
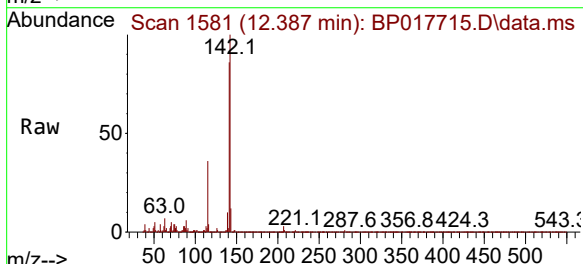
Instrument :
BNA_P
ClientSampleId :
SSTD005645

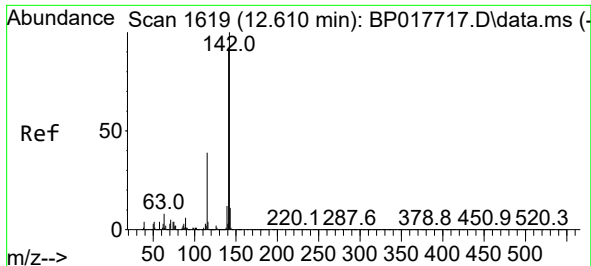
Tgt Ion:107 Resp: 30480
Ion Ratio Lower Upper
107 100
144 27.1 22.9 34.3
142 83.0 68.1 102.1



#36
2-Methylnaphthalene
Concen: 4.531 ng/ul
RT: 12.387 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion:142 Resp: 86162
Ion Ratio Lower Upper
142 100
141 86.3 71.5 107.3

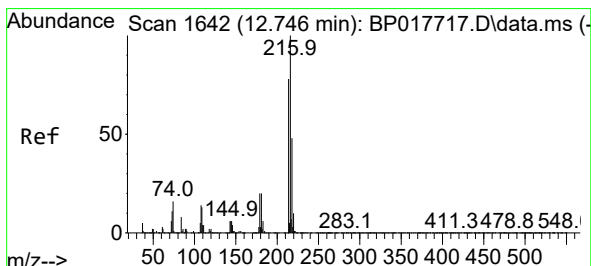
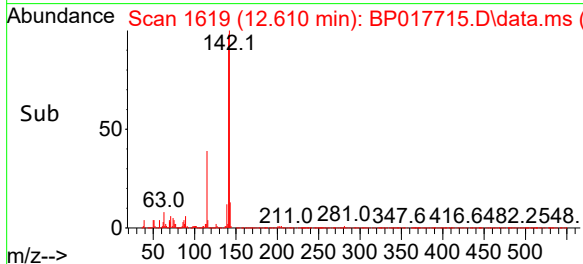
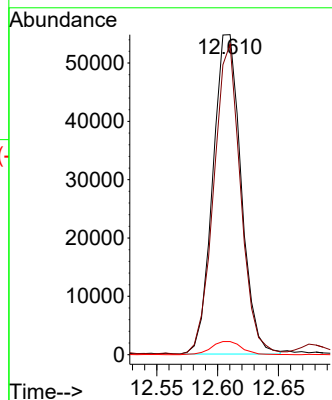
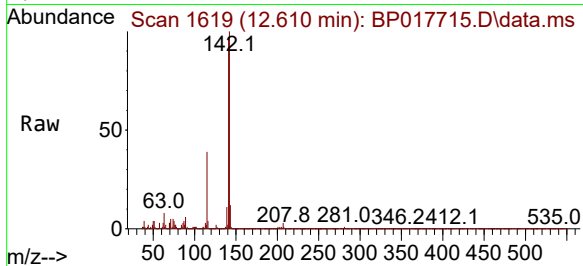




#37
1-Methylnaphthalene
Concen: 4.570 ng/ul
RT: 12.610 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

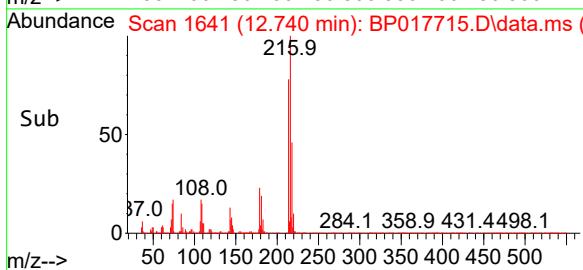
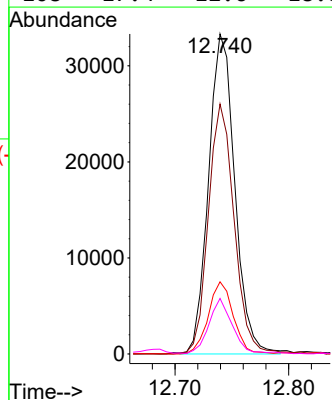
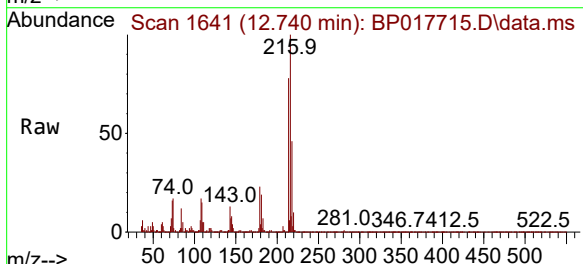
Instrument :
BNA_P
ClientSampleId :
SSTD005645

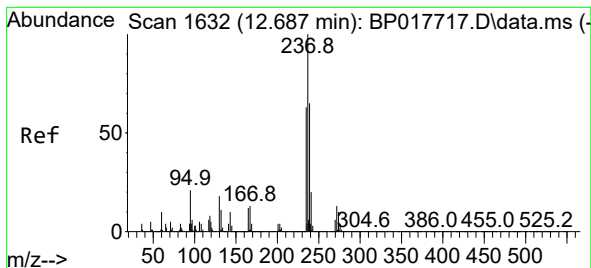
Tgt Ion:142 Resp: 88565
Ion Ratio Lower Upper
142 100
141 97.0 72.5 108.7
116 4.1 3.4 5.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.677 ng/ul
RT: 12.740 min Scan# 1641
Delta R.T. -0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion:216 Resp: 53445
Ion Ratio Lower Upper
216 100
214 78.1 62.2 93.2
179 22.5 15.8 23.8
108 17.4 12.6 18.8





#40

Hexachlorocyclopentadiene

Concen: 3.450 ng/ul

RT: 12.681 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

Instrument :

BNA_P

ClientSampleId :

SSTD005645

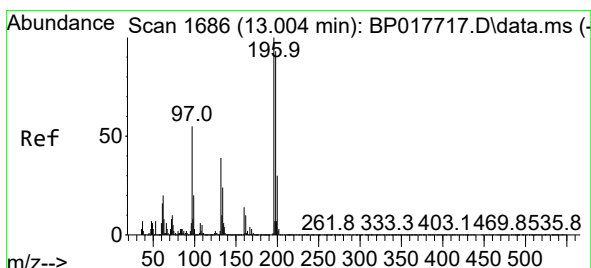
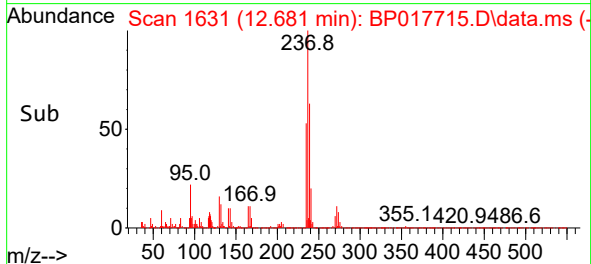
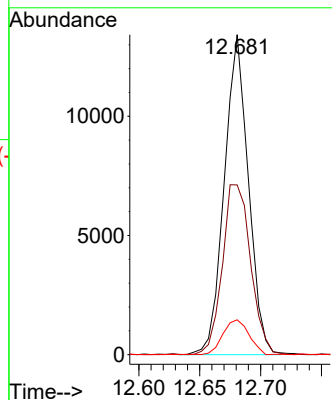
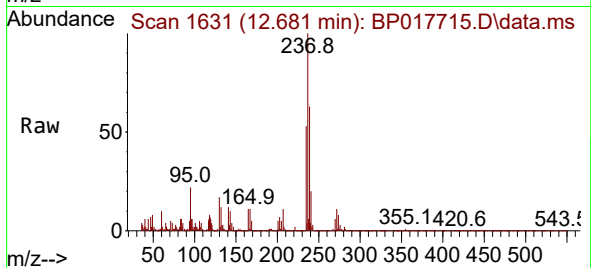
Tgt Ion:237 Resp: 18463

Ion Ratio Lower Upper

237 100

235 57.4 50.3 75.5

272 11.6 11.1 16.7



#41

2,4,6-Trichlorophenol

Concen: 3.991 ng/ul

RT: 13.004 min Scan# 1686

Delta R.T. -0.000 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

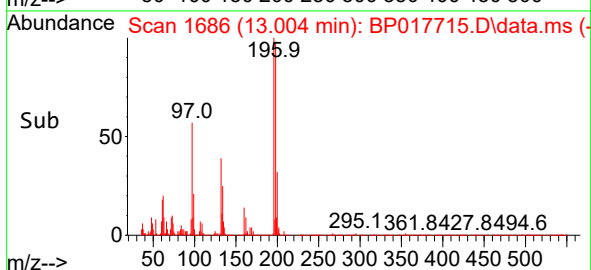
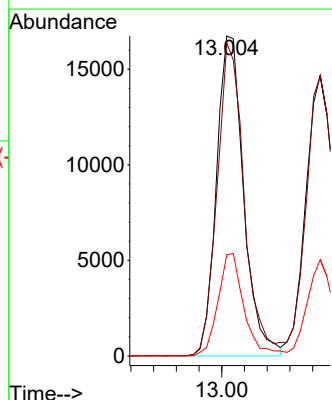
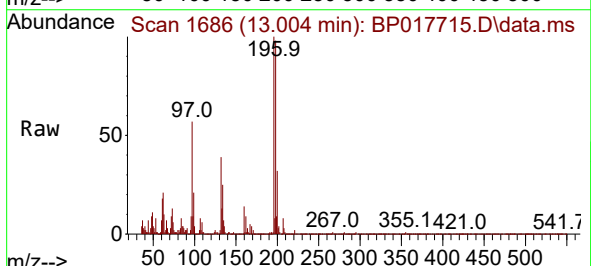
Tgt Ion:196 Resp: 27828

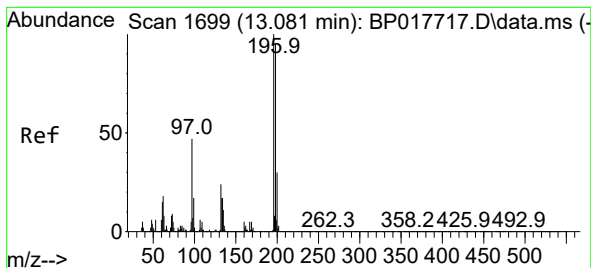
Ion Ratio Lower Upper

196 100

198 97.8 74.7 112.1

200 31.7 23.7 35.5





#42

2,4,5-Trichlorophenol

Concen: 3.953 ng/ul

RT: 13.087 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

Instrument :

BNA_P

ClientSampleId :

SSTD005645

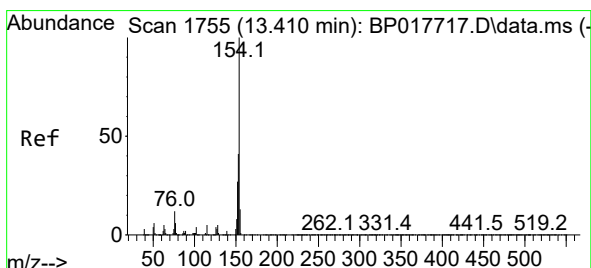
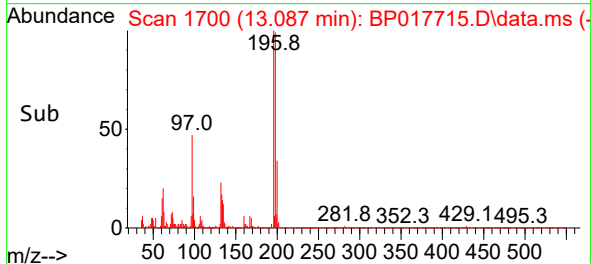
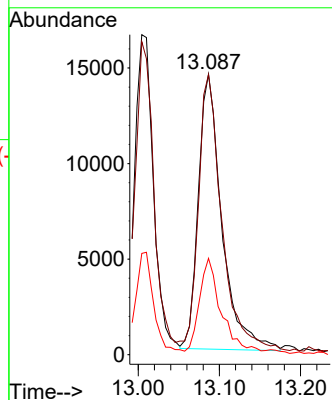
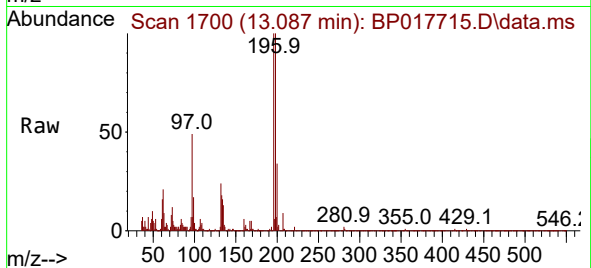
Tgt Ion:196 Resp: 29014

Ion Ratio Lower Upper

196 100

198 99.9 76.0 114.0

200 34.3 24.3 36.5



#43

1,1'-Biphenyl

Concen: 4.554 ng/ul

RT: 13.404 min Scan# 1754

Delta R.T. -0.006 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

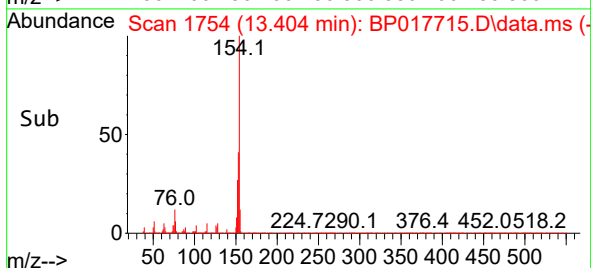
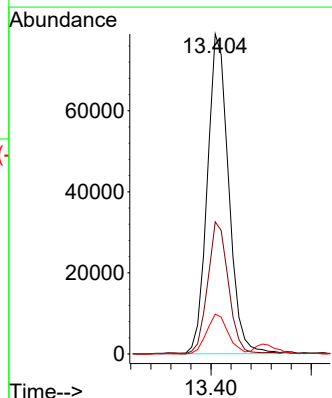
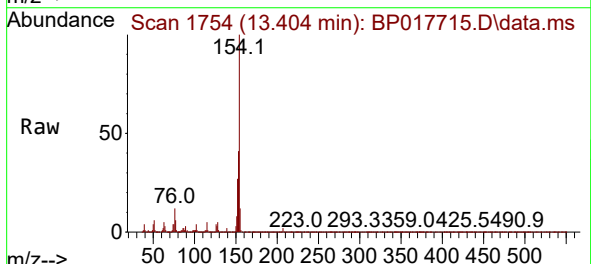
Tgt Ion:154 Resp: 116721

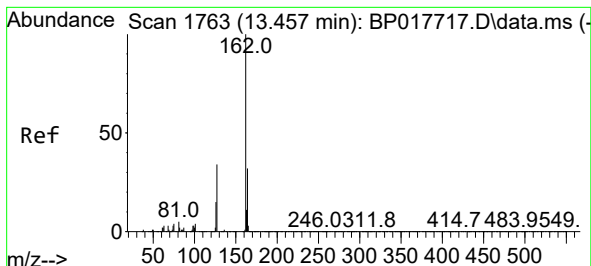
Ion Ratio Lower Upper

154 100

153 41.3 32.6 49.0

76 12.5 9.8 14.8

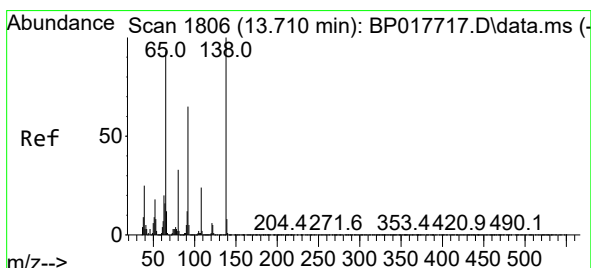
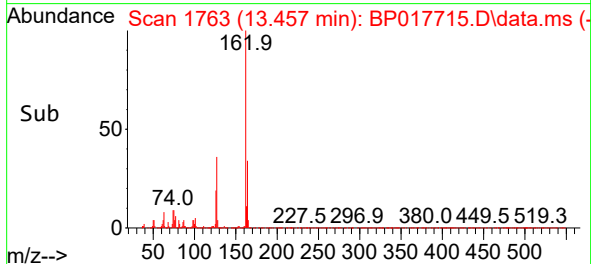
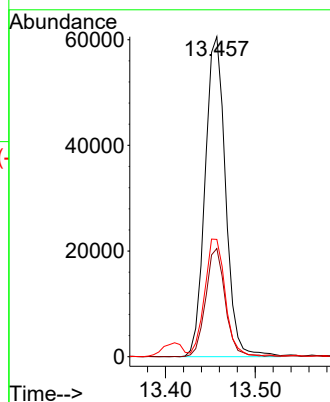
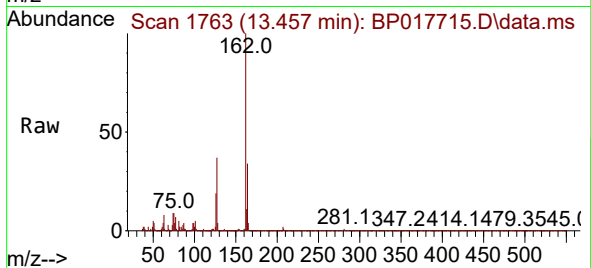




#44
2-Chloronaphthalene
Concen: 4.677 ng/ul
RT: 13.457 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

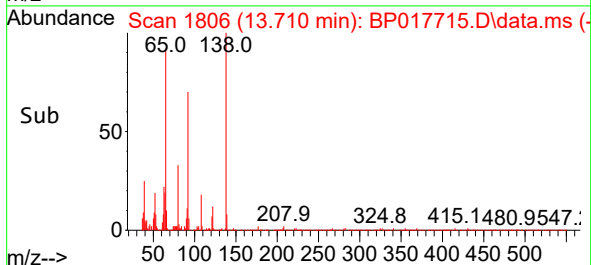
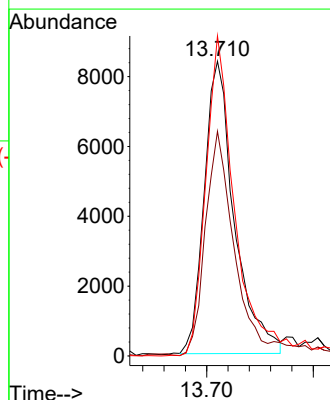
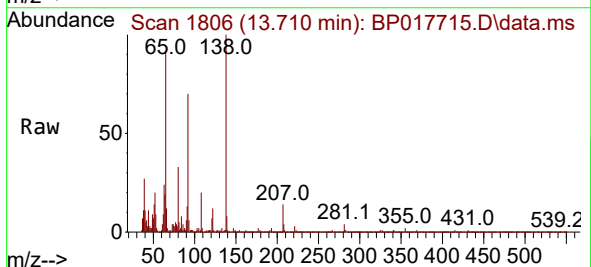
Instrument :
BNA_P
ClientSampleId :
SSTD005645

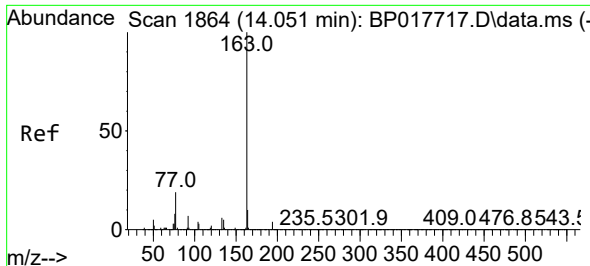
Tgt Ion:	162	Resp:	95983
Ion Ratio	Lower	Upper	
162	100		
164	33.8	25.9	38.9
127	36.6	29.9	44.9



#45
2-Nitroaniline
Concen: 3.020 ng/ul
RT: 13.710 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion:	65	Resp:	16478
Ion Ratio	Lower	Upper	
65	100		
92	76.2	56.2	84.4
138	108.6	85.9	128.9

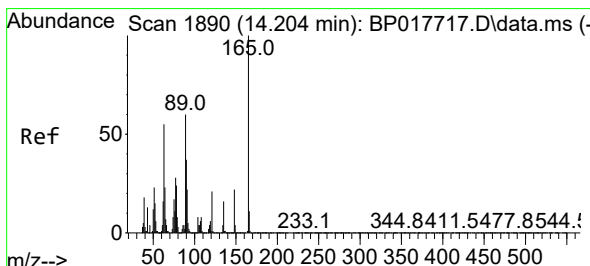
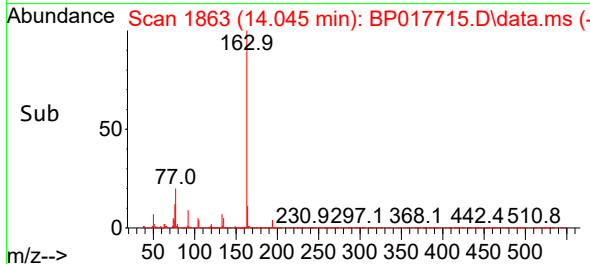
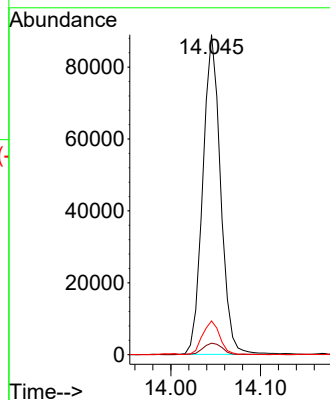
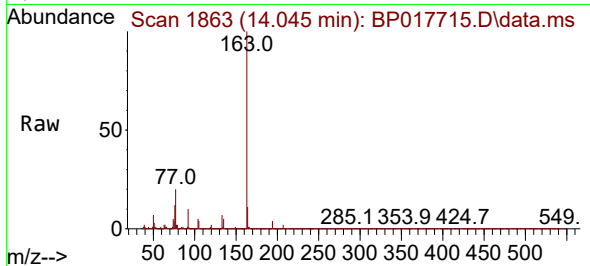




#47
Dimethylphthalate
Concen: 4.621 ng/ul
RT: 14.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

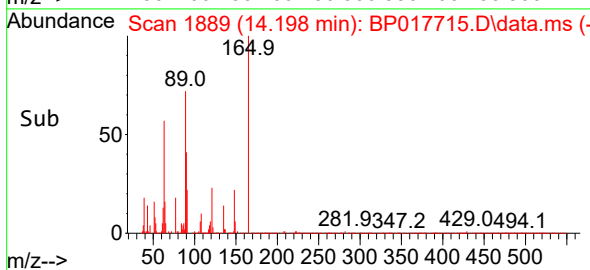
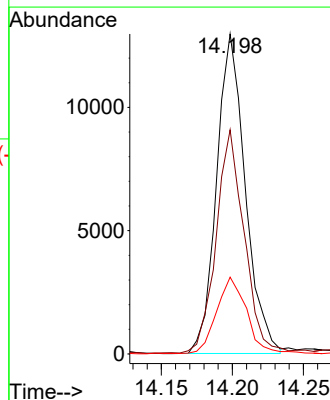
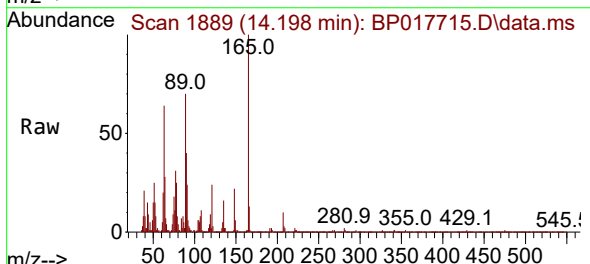
Instrument :
BNA_P
ClientSampleId :
SSTD005645

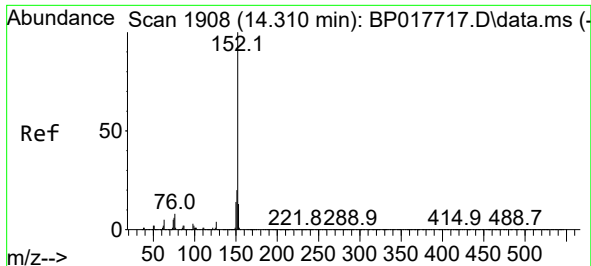
Tgt Ion:163 Resp: 122142
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 10.5 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 3.757 ng/ul
RT: 14.198 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion:165 Resp: 18211
Ion Ratio Lower Upper
165 100
89 70.0 48.0 72.0
121 24.0 16.6 24.8

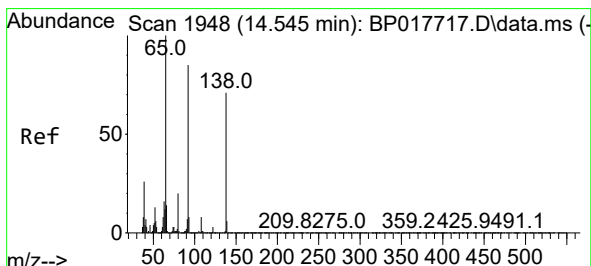
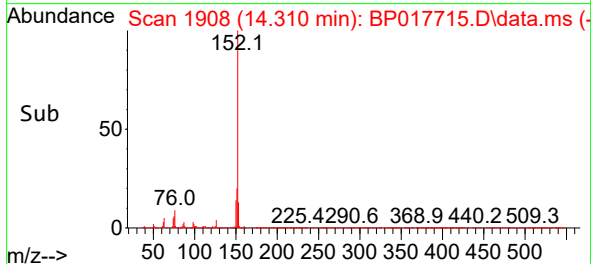
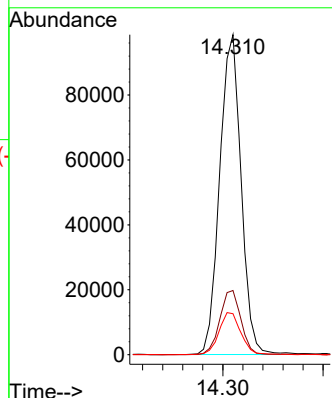
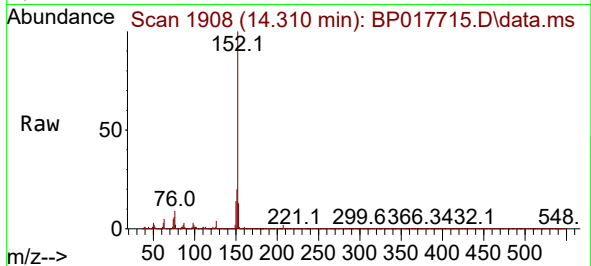




#50
Acenaphthylene
Concen: 4.442 ng/ul
RT: 14.310 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

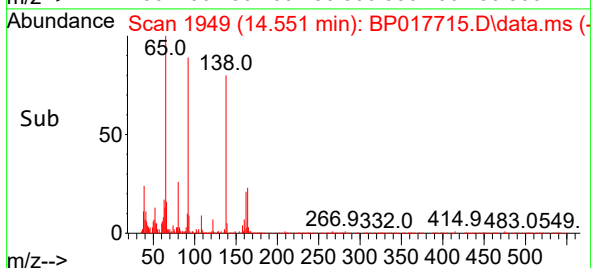
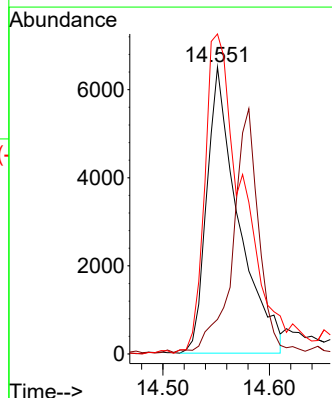
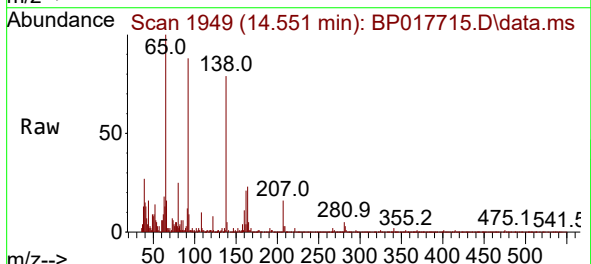
Instrument :
BNA_P
ClientSampleId :
SSTD005645

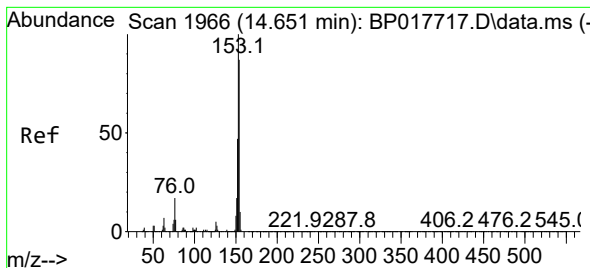
Tgt Ion:152 Resp: 145905
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 12.8 10.8 16.2



#51
3-Nitroaniline
Concen: 2.791 ng/ul
RT: 14.551 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion:138 Resp: 13393
Ion Ratio Lower Upper
138 100
108 12.1 9.3 13.9
92 111.5 95.2 142.8





#52

Acenaphthene

Concen: 4.846 ng/ul

RT: 14.645 min Scan# 1965

Delta R.T. -0.006 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

Instrument :

BNA_P

ClientSampleId :

SSTD005645

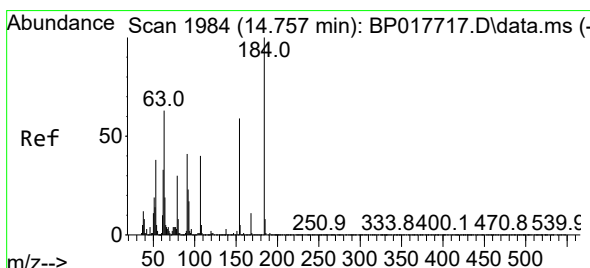
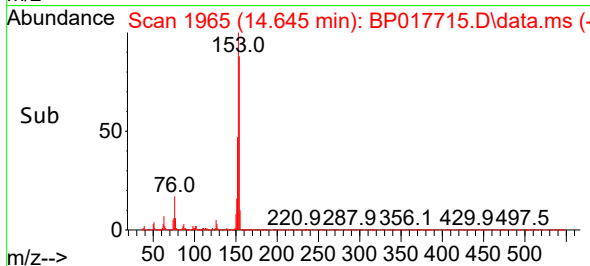
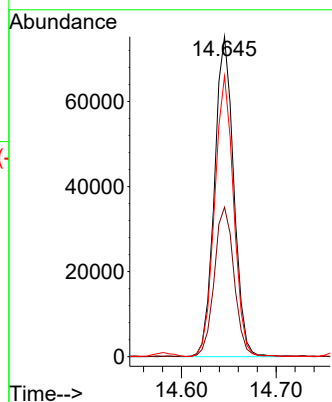
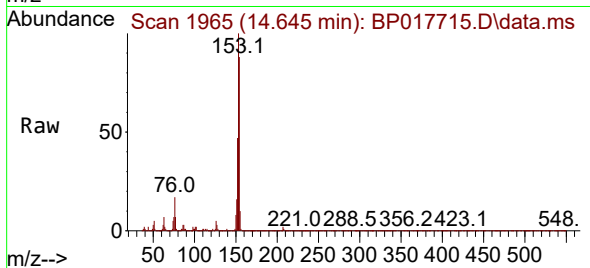
Tgt Ion:153 Resp: 106221

Ion Ratio Lower Upper

153 100

152 46.7 37.6 56.4

154 87.7 70.0 105.0



#53

2,4-Dinitrophenol

Concen: 1.502 ng/ul

RT: 14.769 min Scan# 1986

Delta R.T. 0.012 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

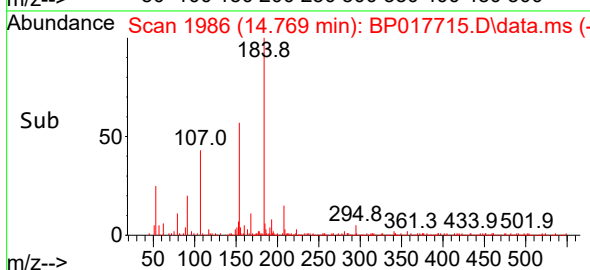
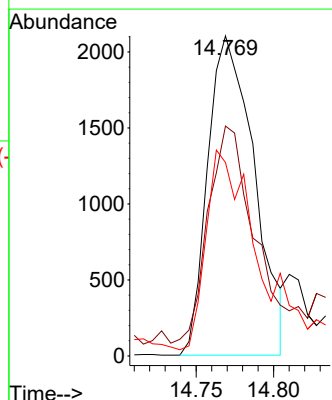
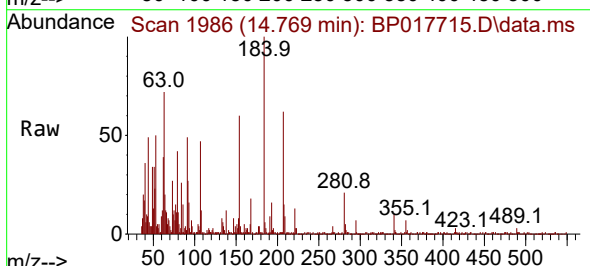
Tgt Ion:184 Resp: 4394

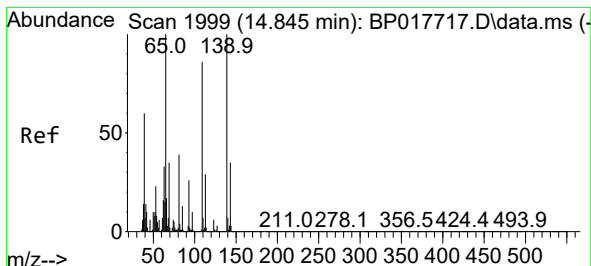
Ion Ratio Lower Upper

184 100

63 71.9 50.6 76.0

154 60.5 47.9 71.9

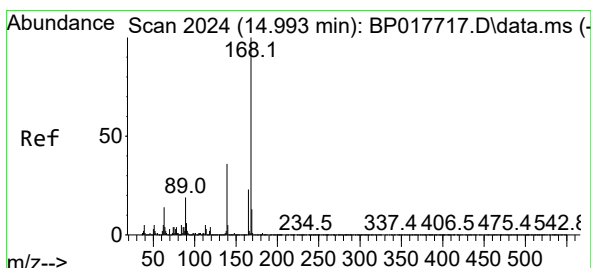
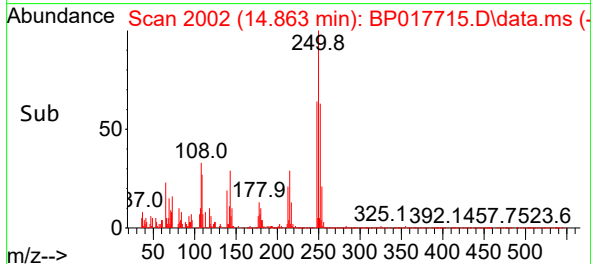
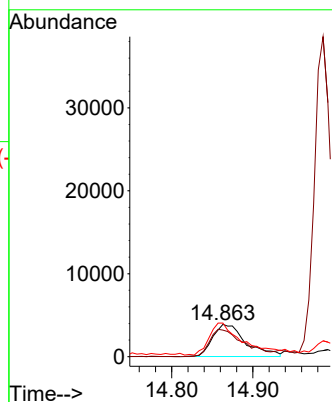
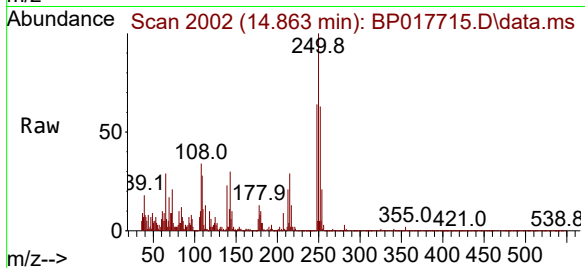




#55
4-Nitrophenol
Concen: 2.703 ng/ul
RT: 14.863 min Scan# 20
Delta R.T. 0.018 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

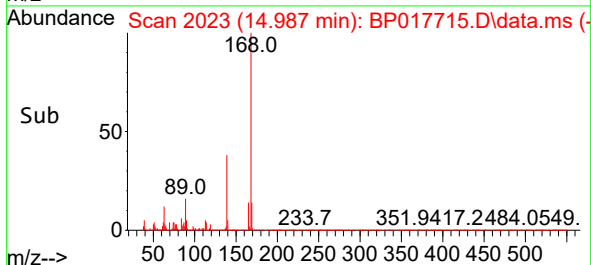
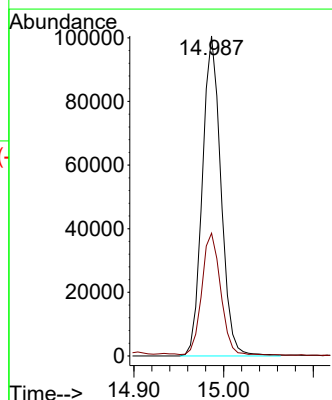
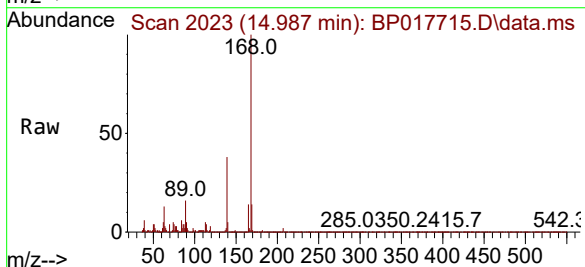
Instrument :
BNA_P
ClientSampleId :
SSTD005645

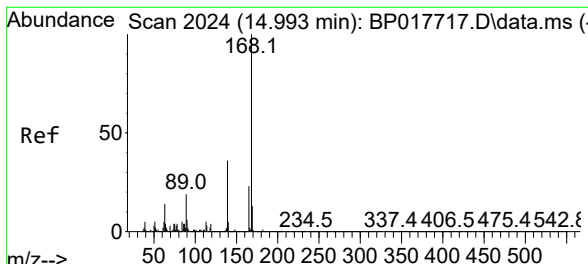
Tgt Ion:109 Resp: 11024
Ion Ratio Lower Upper
109 100
139 82.2 92.9 139.3#
65 104.0 94.5 141.7



#56
Dibenzofuran
Concen: 4.616 ng/ul
RT: 14.987 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion:168 Resp: 144781
Ion Ratio Lower Upper
168 100
139 38.4 28.6 43.0

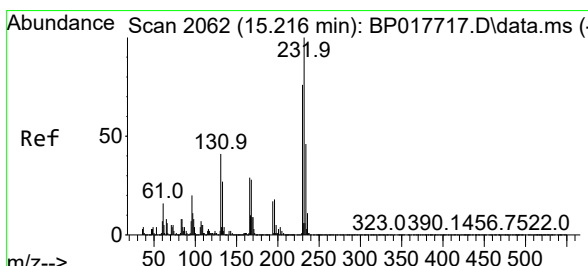
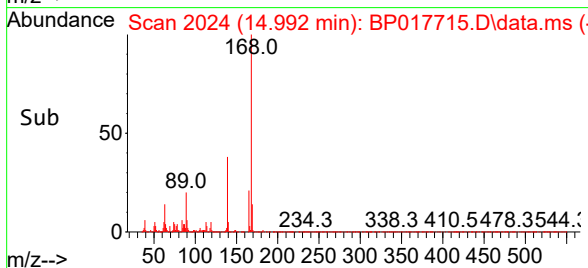
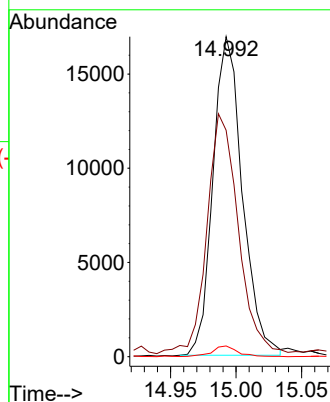
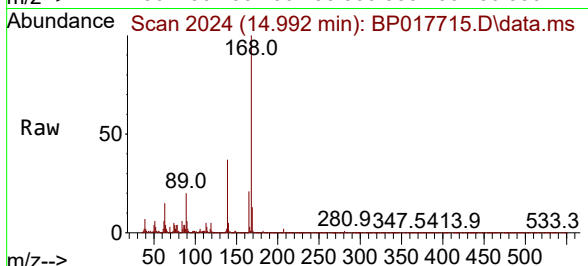




#57
2,4-Dinitrotoluene
Concen: 3.532 ng/ul
RT: 14.992 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

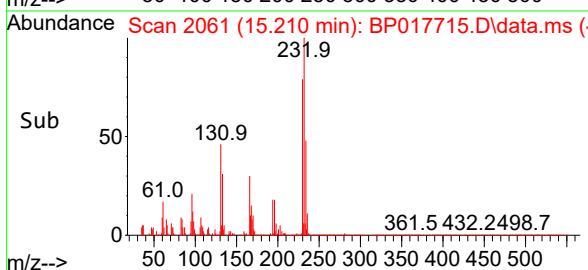
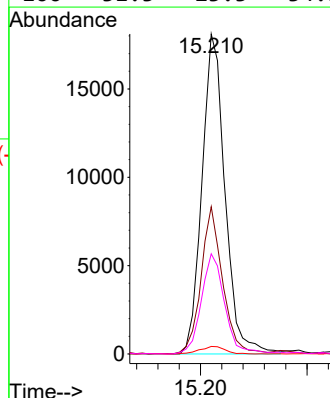
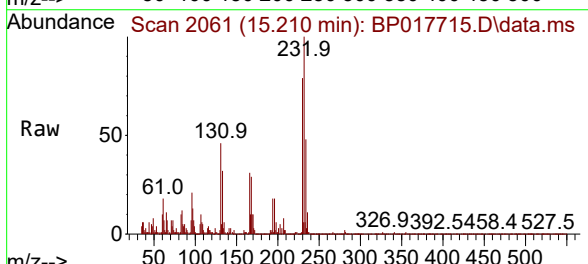
Instrument :
BNA_P
ClientSampleId :
SSTD005645

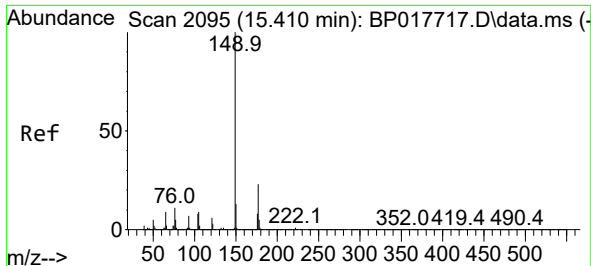
Tgt Ion:165 Resp: 26407
Ion Ratio Lower Upper
165 100
63 70.8 51.1 76.7
182 3.4 2.7 4.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.068 ng/ul
RT: 15.210 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion:232 Resp: 27259
Ion Ratio Lower Upper
232 100
131 46.0 32.9 49.3
130 2.4 1.8 2.8
166 31.3 23.3 34.9

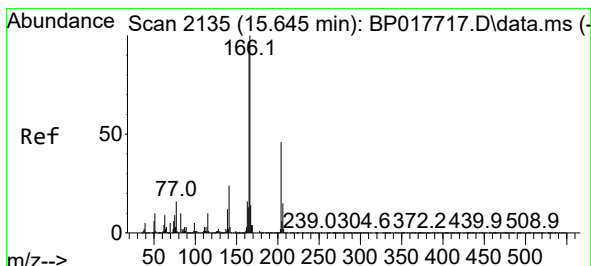
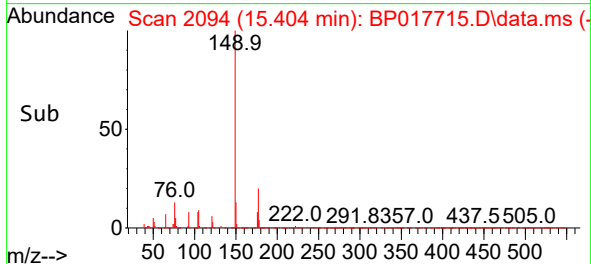
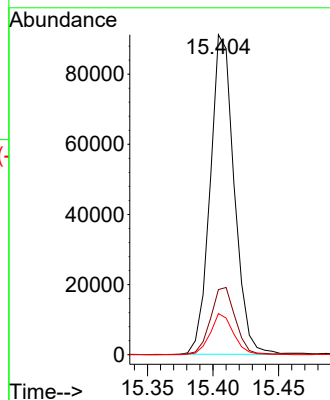
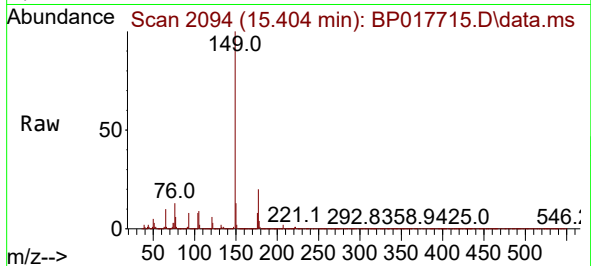




#59
Diethylphthalate
Concen: 4.414 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

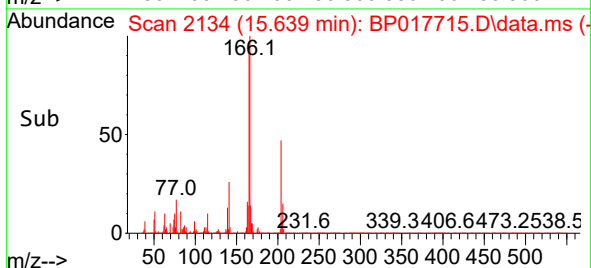
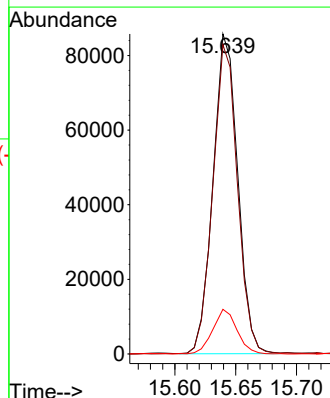
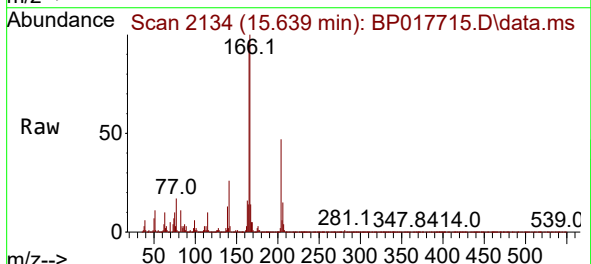
Instrument :
BNA_P
ClientSampleId :
SSTD005645

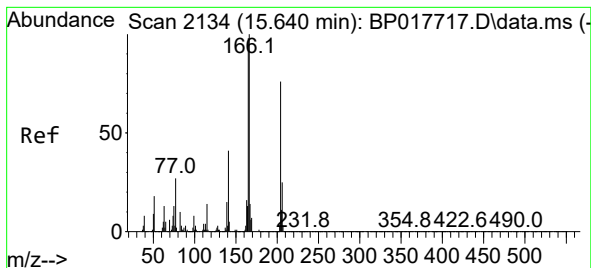
Tgt Ion:149 Resp: 116060
Ion Ratio Lower Upper
149 100
177 20.4 18.0 27.0
150 12.9 10.2 15.4



#61
Fluorene
Concen: 4.699 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion:166 Resp: 121051
Ion Ratio Lower Upper
166 100
165 96.7 77.4 116.0
167 13.9 10.9 16.3

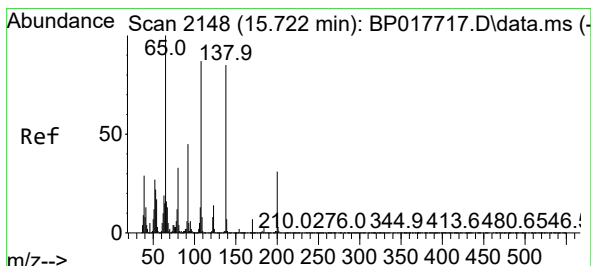
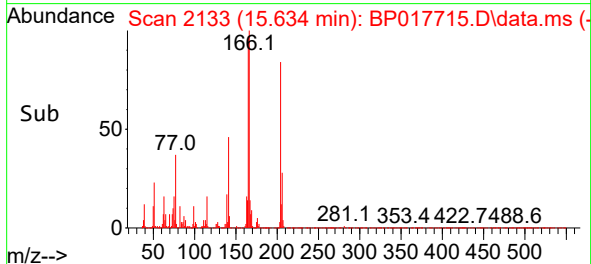
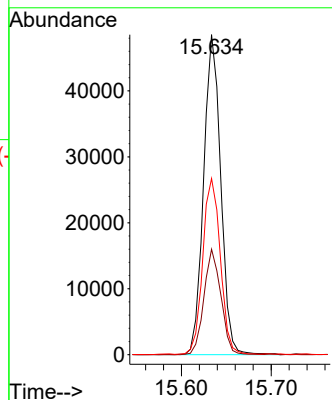
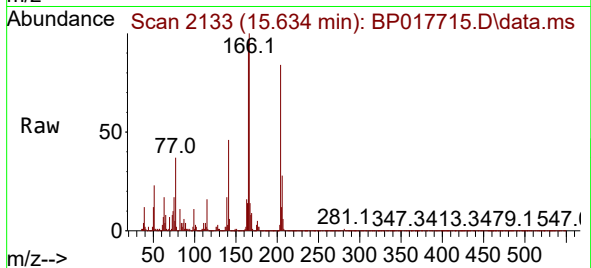




#62
4-Chlorophenyl-phenylether
Concen: 4.704 ng/ul
RT: 15.634 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

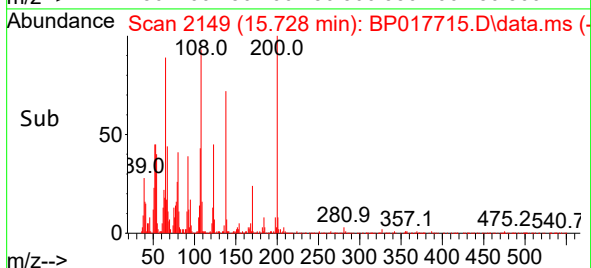
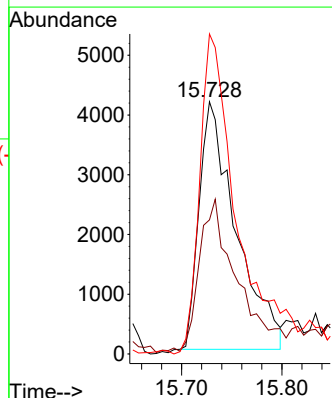
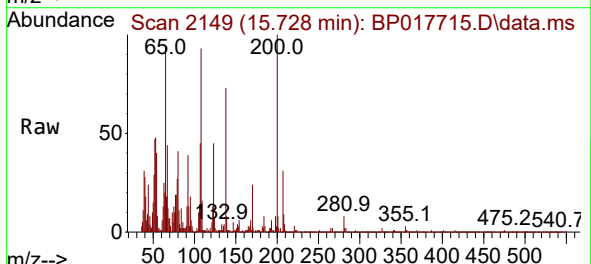
Instrument :
BNA_P
ClientSampleId :
SSTD005645

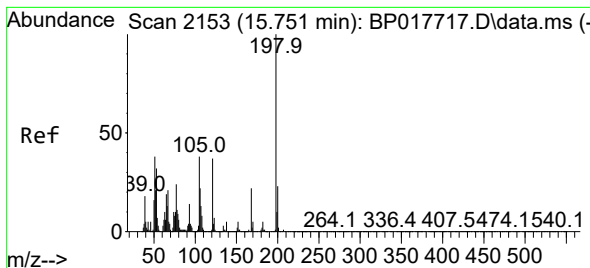
Tgt Ion:204 Resp: 64379
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 55.1 42.9 64.3



#63
4-Nitroaniline
Concen: 2.270 ng/ul
RT: 15.728 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion:138 Resp: 10669
Ion Ratio Lower Upper
138 100
92 53.2 43.0 64.6
108 126.9 82.7 124.1#

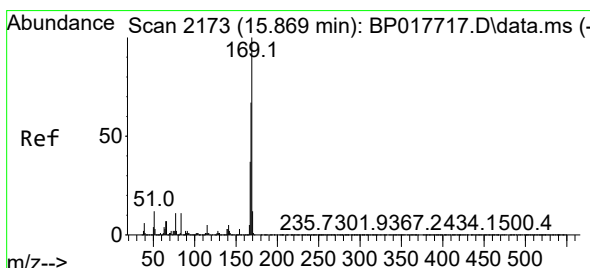
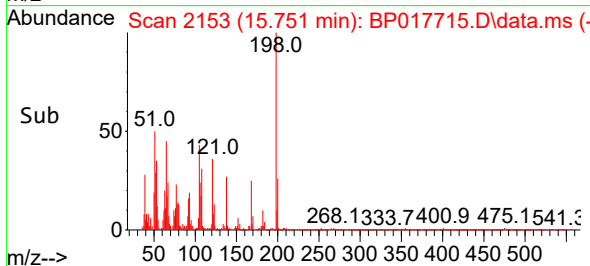
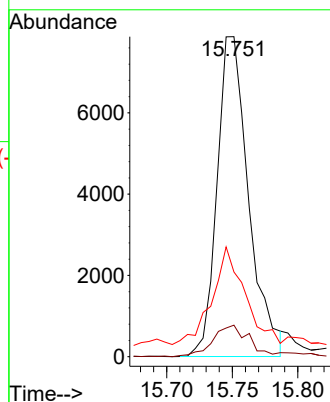
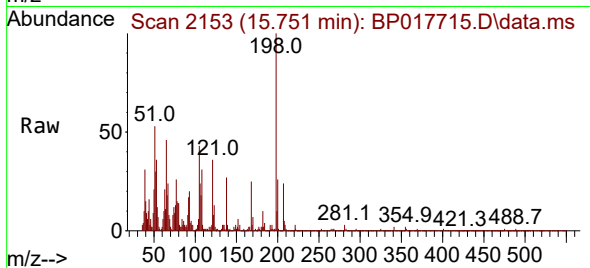




#66
4,6-Dinitro-2-methylphenol
Concen: 2.605 ng/ul
RT: 15.751 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

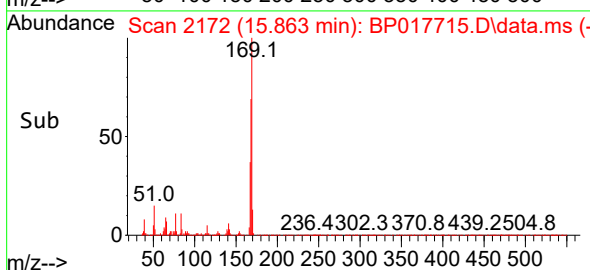
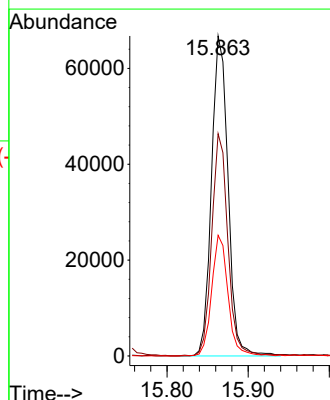
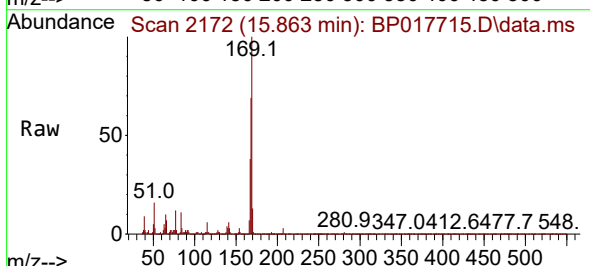
Instrument :
BNA_P
ClientSampleId :
SSTD005645

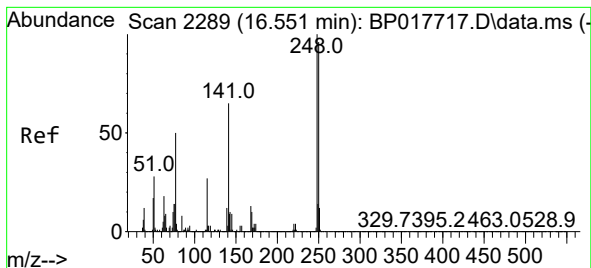
Tgt Ion:198 Resp: 13165
Ion Ratio Lower Upper
198 100
182 9.9 3.9 5.9#
77 26.5 19.8 29.8



#67
N-Nitrosodiphenylamine
Concen: 4.566 ng/ul
RT: 15.863 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion:169 Resp: 94448
Ion Ratio Lower Upper
169 100
168 69.4 53.7 80.5
167 37.7 29.4 44.0

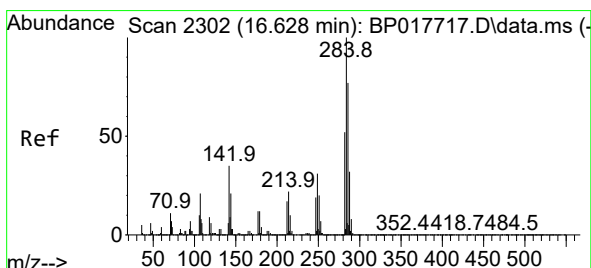
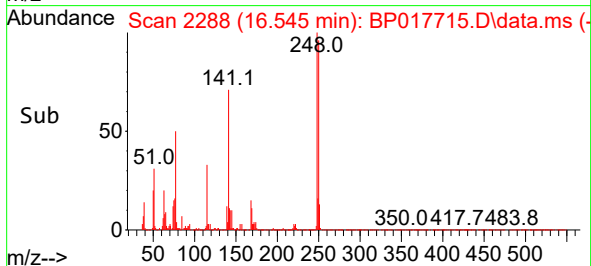
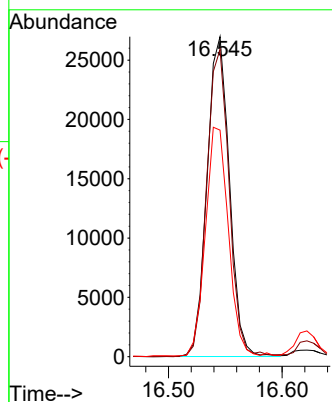
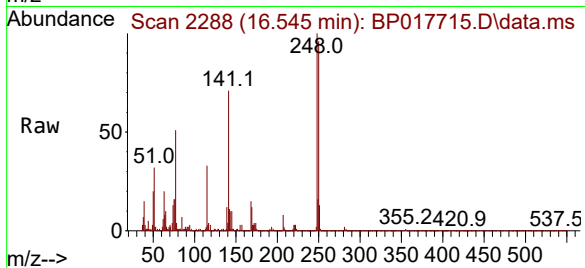




#68
4-Bromophenyl-phenylether
Concen: 4.461 ng/ul
RT: 16.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

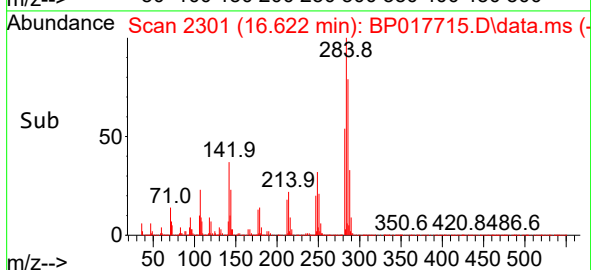
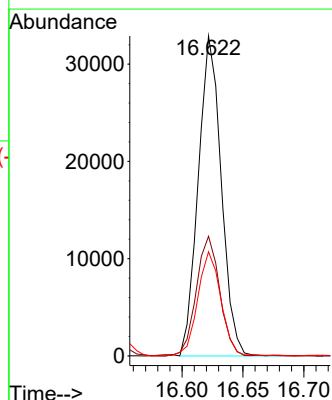
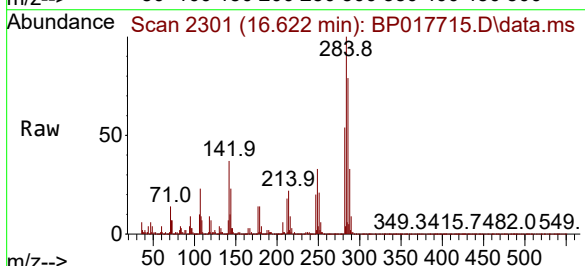
Instrument :
BNA_P
ClientSampleId :
SSTD005645

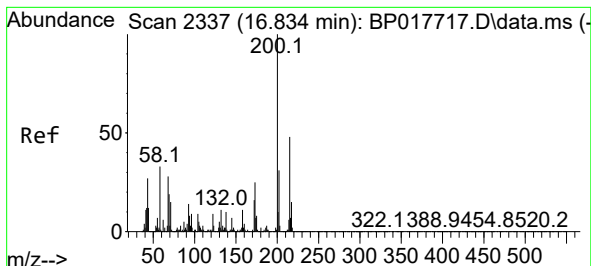
Tgt Ion:248 Resp: 36978
Ion Ratio Lower Upper
248 100
250 96.0 76.8 115.2
141 70.8 52.4 78.6



#69
Hexachlorobenzene
Concen: 4.396 ng/ul
RT: 16.622 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion:284 Resp: 43107
Ion Ratio Lower Upper
284 100
142 37.4 27.6 41.4
249 32.6 24.5 36.7





#70

Atrazine

Concen: 3.988 ng/ul

RT: 16.828 min Scan# 2336

Delta R.T. -0.006 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

Instrument :

BNA_P

ClientSampleId :

SSTD005645

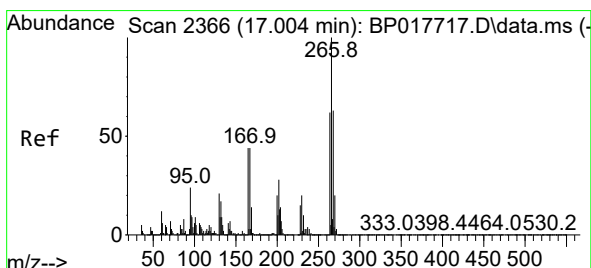
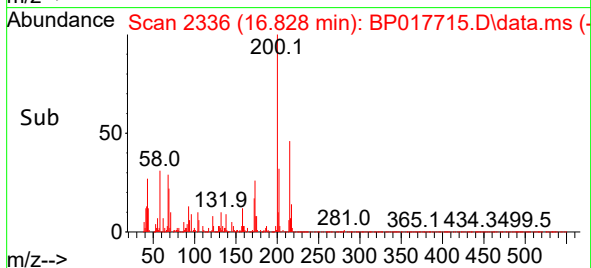
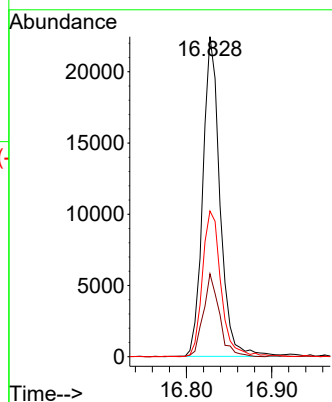
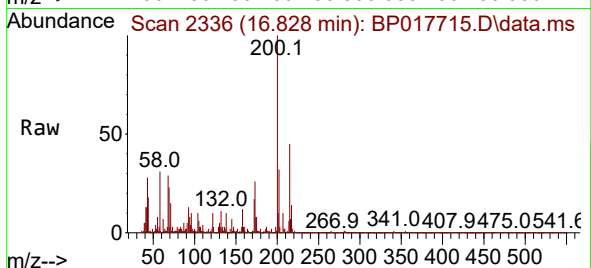
Tgt Ion:200 Resp: 31473

Ion Ratio Lower Upper

200 100

173 25.9 19.8 29.6

215 45.5 38.5 57.7



#71

Pentachlorophenol

Concen: 2.956 ng/ul

RT: 16.998 min Scan# 2365

Delta R.T. -0.006 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

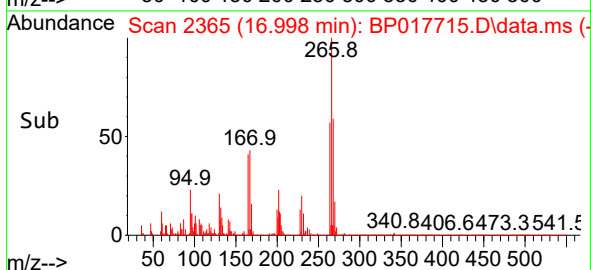
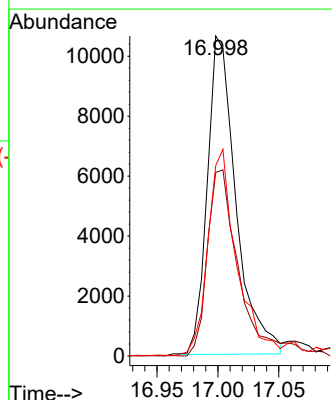
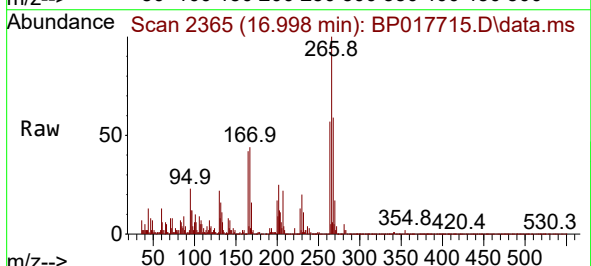
Tgt Ion:266 Resp: 17411

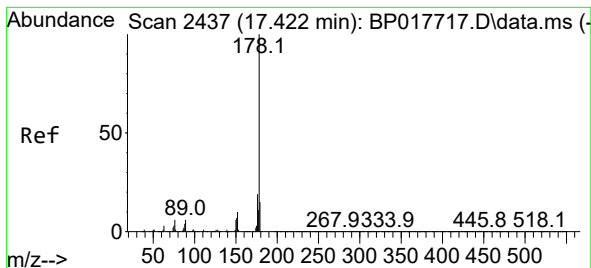
Ion Ratio Lower Upper

266 100

264 57.4 49.4 74.2

268 59.4 50.3 75.5





#72

Phenanthrene

Concen: 4.712 ng/ul

RT: 17.416 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

Instrument :

BNA_P

ClientSampleId :

SSTD005645

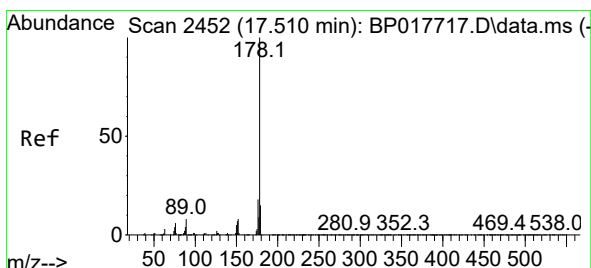
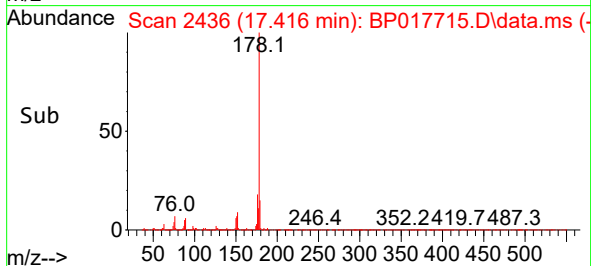
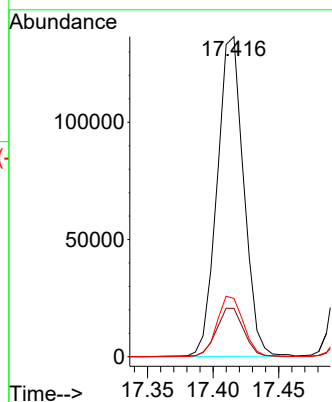
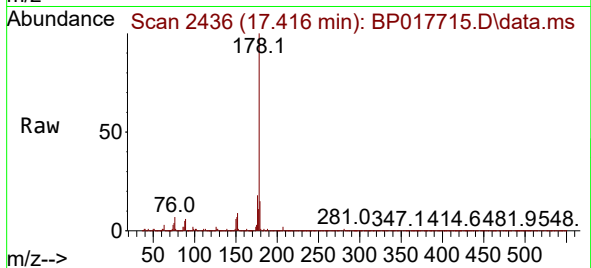
Tgt Ion:178 Resp: 191757

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

176 18.2 15.3 22.9



#74

Anthracene

Concen: 4.633 ng/ul

RT: 17.510 min Scan# 2452

Delta R.T. -0.000 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

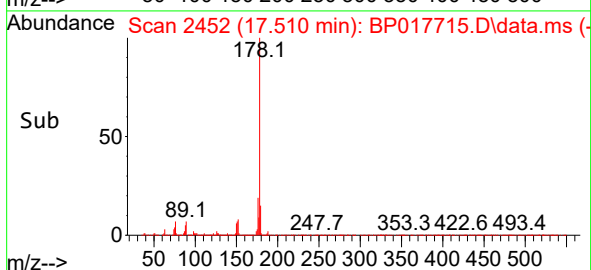
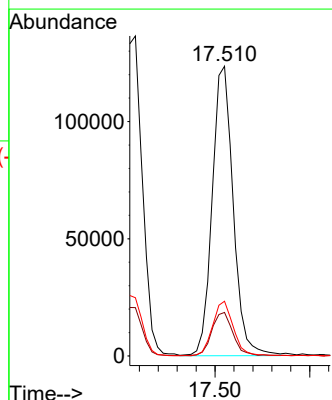
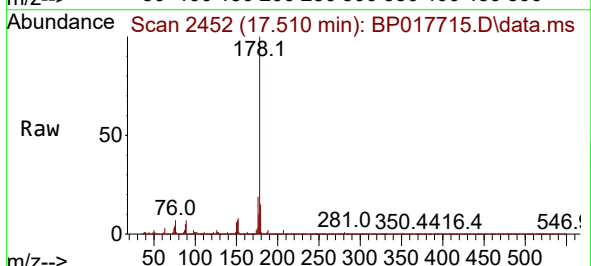
Tgt Ion:178 Resp: 190424

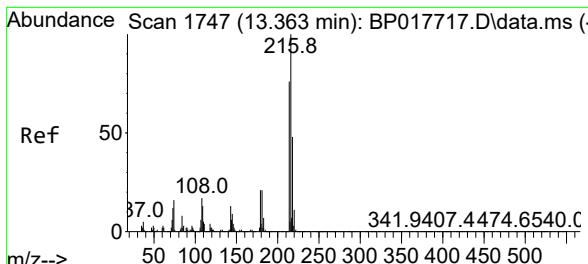
Ion Ratio Lower Upper

178 100

179 15.0 12.0 18.0

176 18.9 14.8 22.2

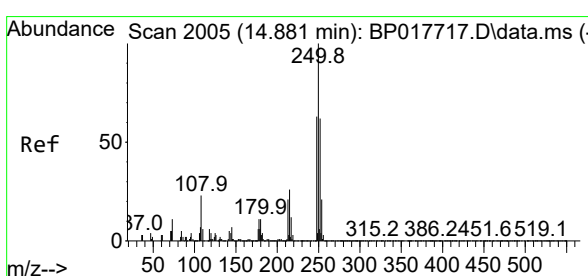
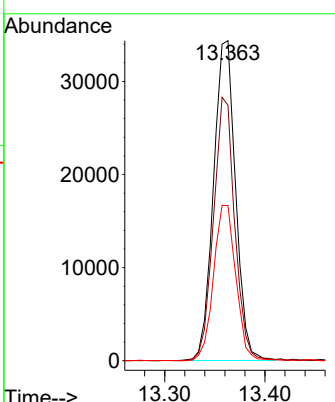
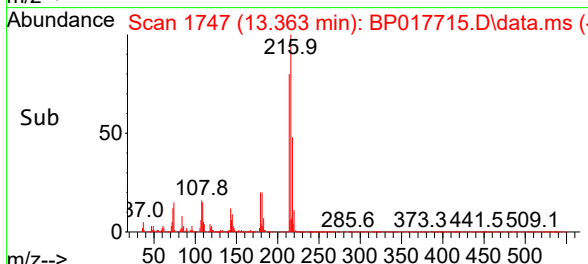
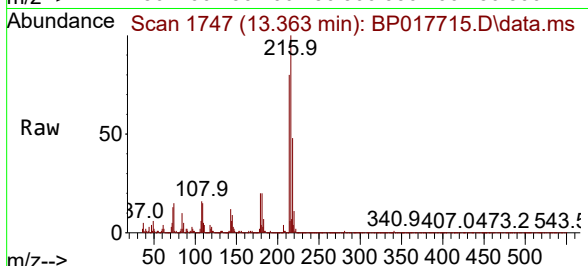




#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 4.749 ng/uL
 RT: 13.363 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BP017715.D
 Acq: 18 Oct 2023 18:24

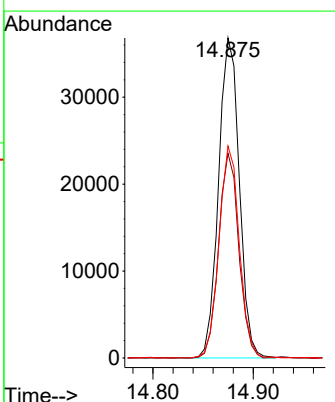
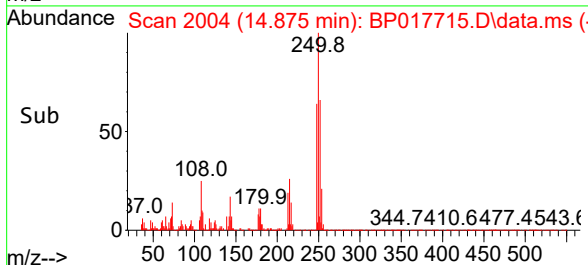
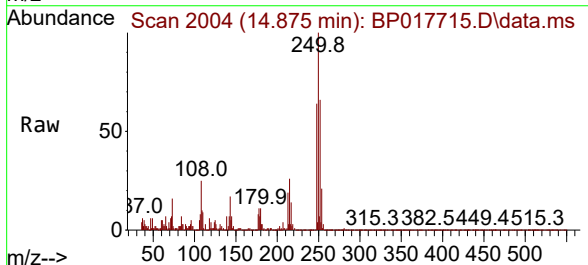
Instrument :
 BNA_P
 ClientSampleId :
 SSTD005645

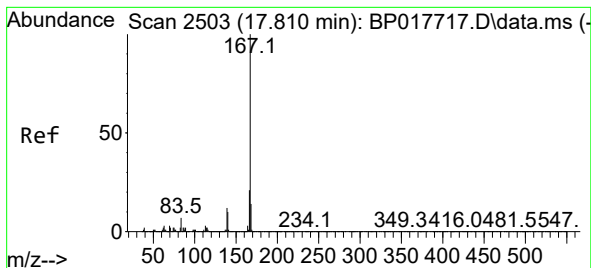
Tgt Ion:	216	Resp:	52558
Ion Ratio	Lower	Upper	
216	100		
214	79.8	60.7	91.1
218	48.5	38.2	57.4



#76
 Pentachlorobenzene
 Concen: 4.704 ng/uL
 RT: 14.875 min Scan# 2004
 Delta R.T. -0.006 min
 Lab File: BP017715.D
 Acq: 18 Oct 2023 18:24

Tgt Ion:	250	Resp:	52757
Ion Ratio	Lower	Upper	
250	100		
248	63.9	50.2	75.4
252	66.2	49.6	74.4





#77

Carbazole

Concen: 3.844 ng/ul

RT: 17.804 min Scan# 2503

Delta R.T. -0.006 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

Instrument :

BNA_P

ClientSampleId :

SSTD005645

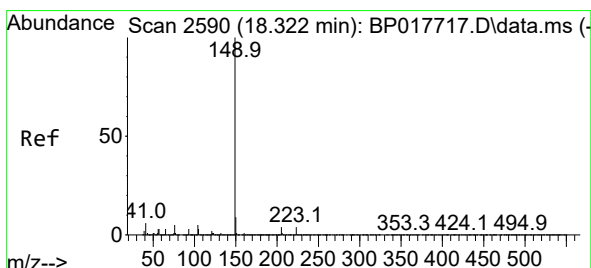
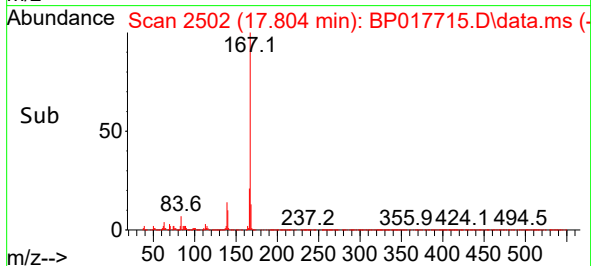
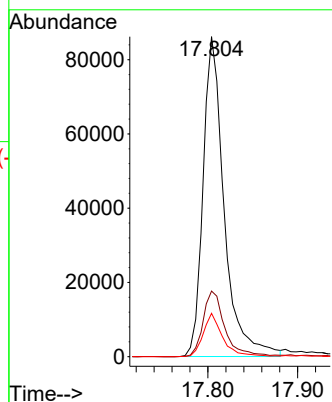
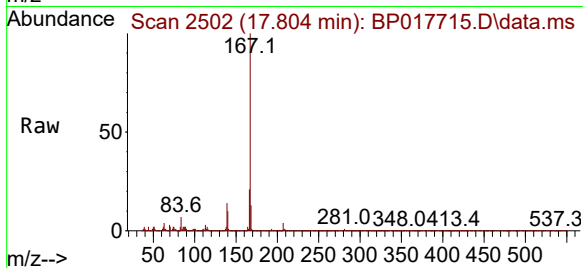
Tgt Ion:167 Resp: 140878

Ion Ratio Lower Upper

167 100

166 20.5 16.7 25.1

139 13.5 9.8 14.6



#78

Di-n-butylphthalate

Concen: 3.809 ng/ul

RT: 18.310 min Scan# 2588

Delta R.T. -0.012 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

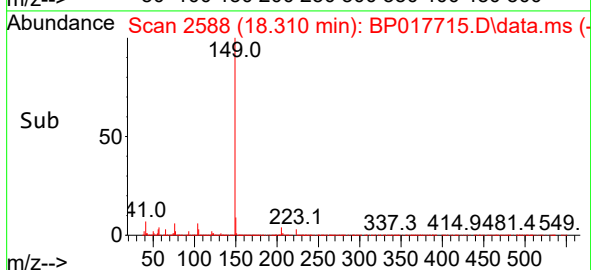
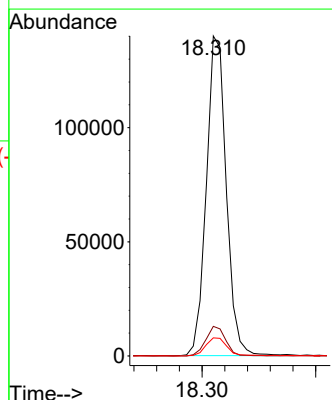
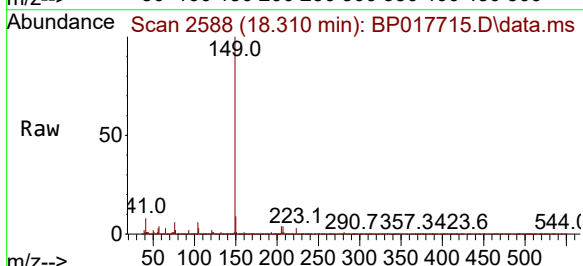
Tgt Ion:149 Resp: 170610

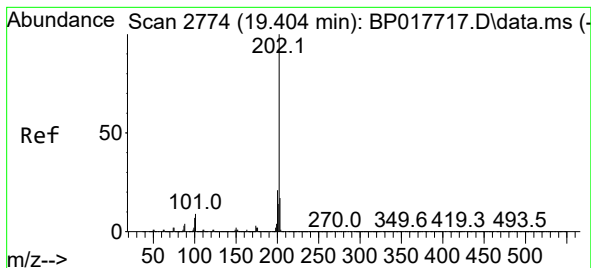
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 5.7 4.3 6.5





#80

Fluoranthene

Concen: 4.674 ng/ul

RT: 19.398 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

Instrument :

BNA_P

ClientSampleId :

SSTD005645

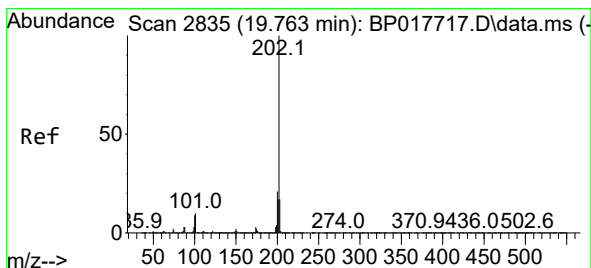
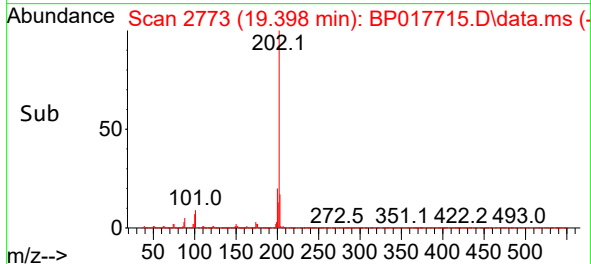
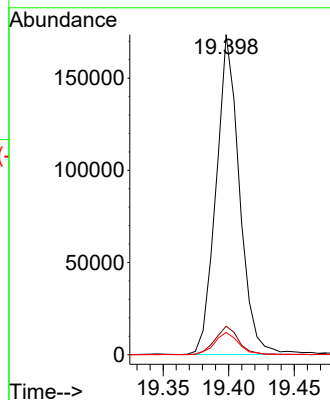
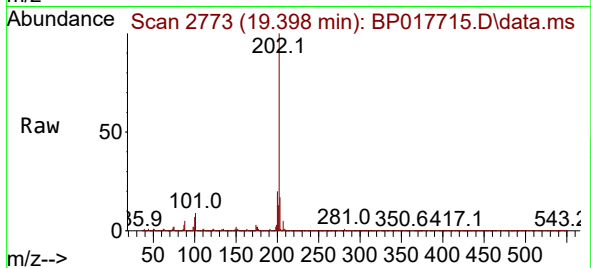
Tgt Ion:202 Resp: 214099

Ion Ratio Lower Upper

202 100

101 8.9 7.1 10.7

100 7.0 5.7 8.5



#82

Pyrene

Concen: 4.879 ng/ul

RT: 19.757 min Scan# 2834

Delta R.T. -0.006 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

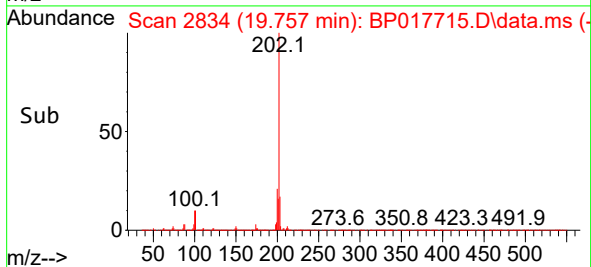
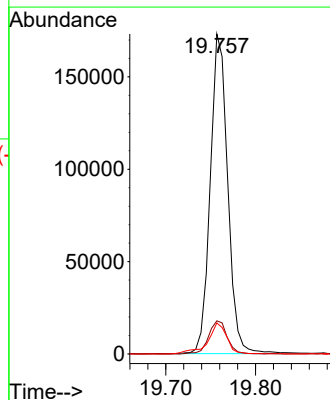
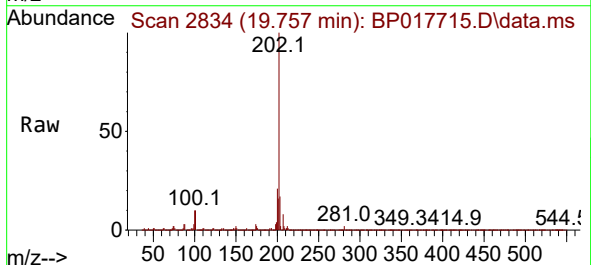
Tgt Ion:202 Resp: 234070

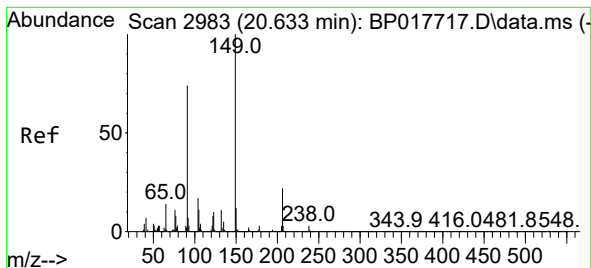
Ion Ratio Lower Upper

202 100

101 10.4 8.3 12.5

100 9.7 7.4 11.0





#83

Butylbenzylphthalate

Concen: 3.819 ng/ul

RT: 20.627 min Scan# 2983

Delta R.T. -0.006 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

Instrument :

BNA_P

ClientSampleId :

SSTD005645

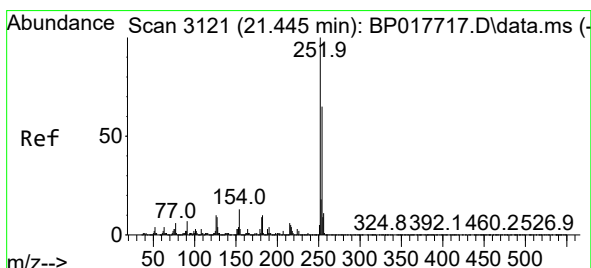
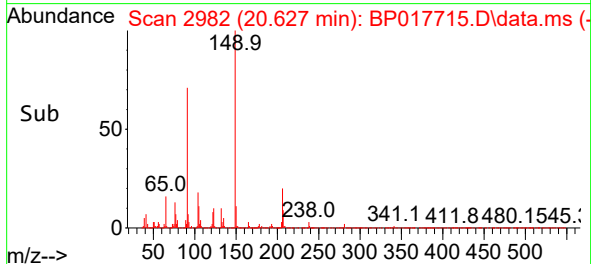
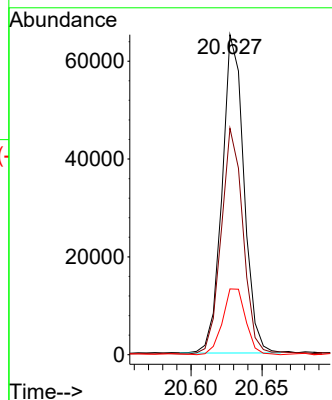
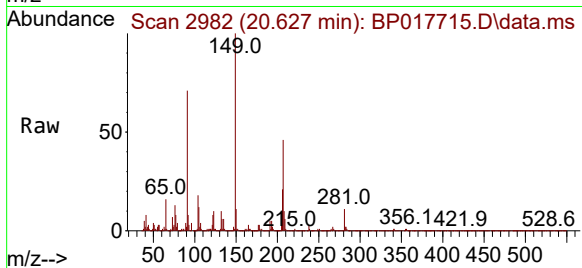
Tgt Ion:149 Resp: 69440

Ion Ratio Lower Upper

149 100

91 70.8 58.8 88.2

206 20.5 17.5 26.3



#84

3,3'-Dichlorobenzidine

Concen: 2.801 ng/ul

RT: 21.445 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

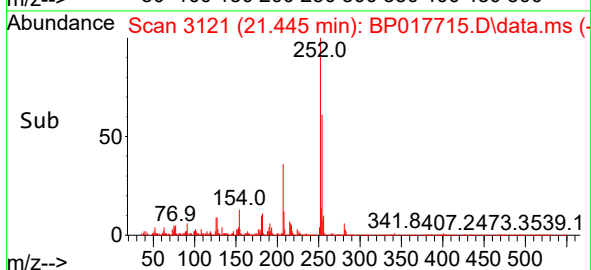
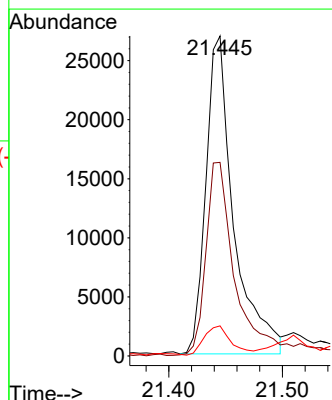
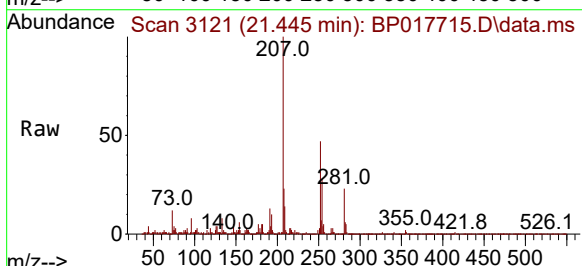
Tgt Ion:252 Resp: 45673

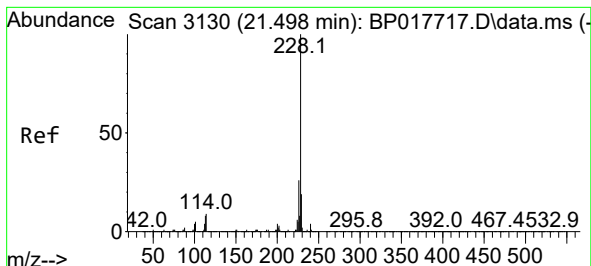
Ion Ratio Lower Upper

252 100

254 60.5 51.8 77.8

126 9.4 7.8 11.6





#85

Benzo(a)anthracene

Concen: 4.526 ng/ul

RT: 21.492 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

Instrument :

BNA_P

ClientSampleId :

SSTD005645

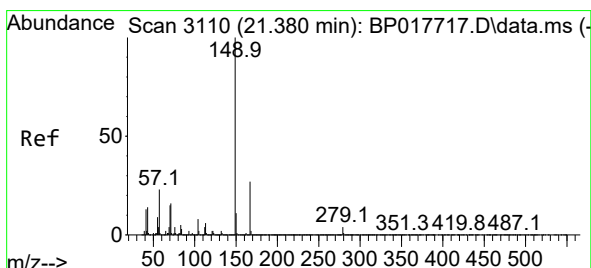
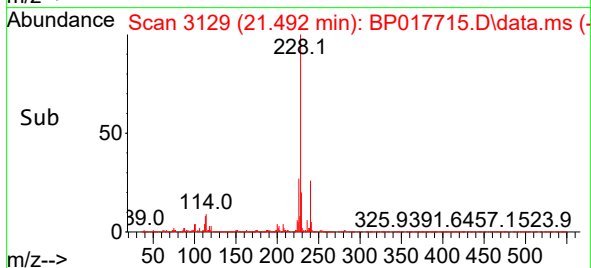
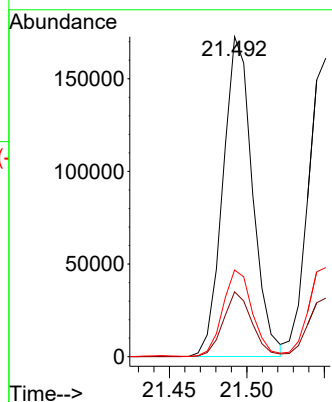
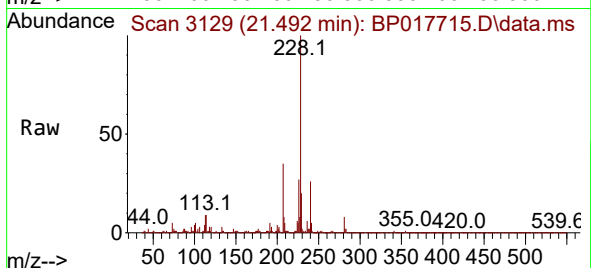
Tgt Ion:228 Resp: 228892

Ion Ratio Lower Upper

228 100

229 20.2 15.6 23.4

226 27.1 21.1 31.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.457 ng/ul

RT: 21.374 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

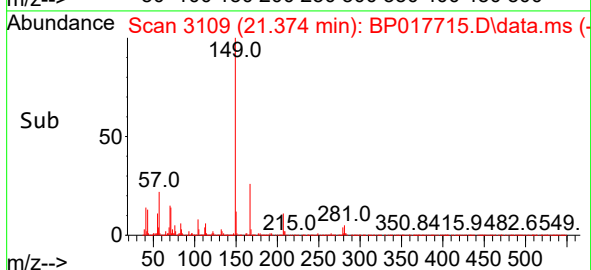
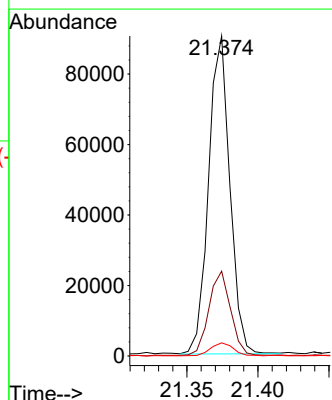
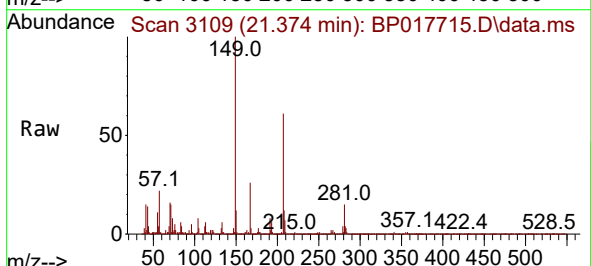
Tgt Ion:149 Resp: 94159

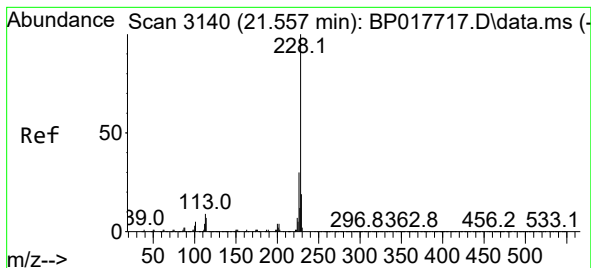
Ion Ratio Lower Upper

149 100

167 26.5 21.6 32.4

279 4.1 3.6 5.4





#87

Chrysene

Concen: 4.737 ng/ul

RT: 21.551 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

Instrument :

BNA_P

ClientSampleId :

SSTD005645

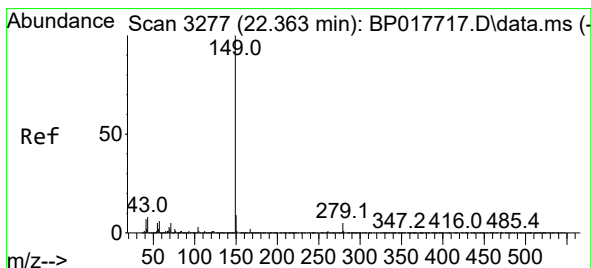
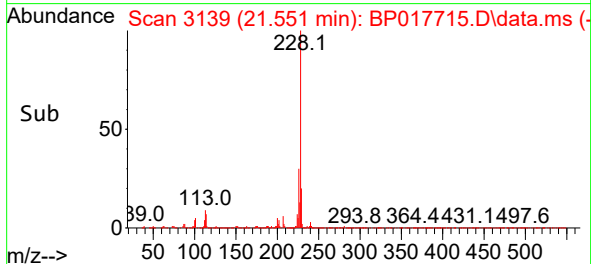
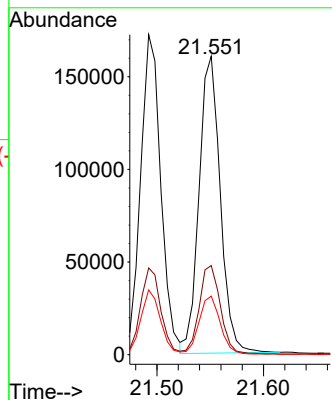
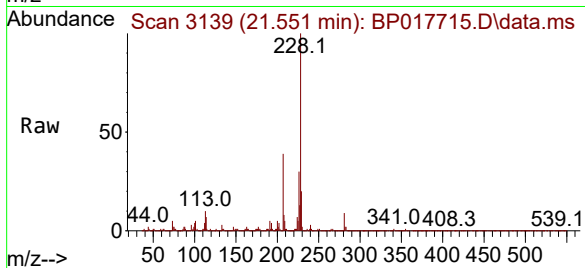
Tgt Ion:228 Resp: 222225

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

229 19.6 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 3.471 ng/ul

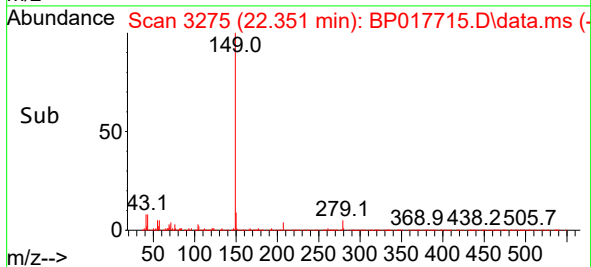
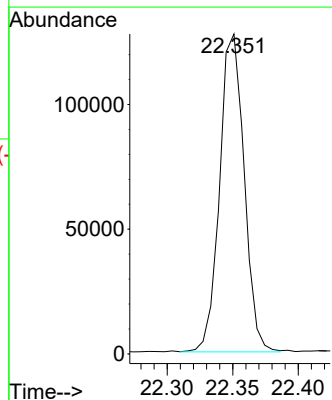
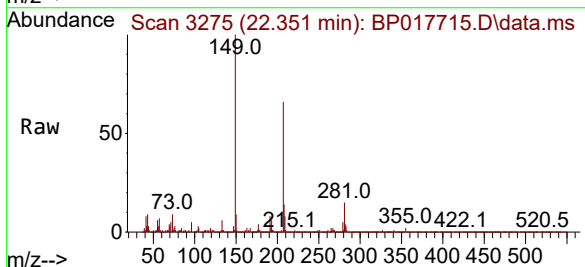
RT: 22.351 min Scan# 3275

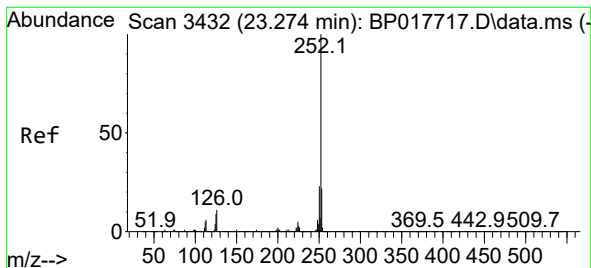
Delta R.T. -0.012 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

Tgt Ion:149 Resp: 165586





#90

Benzo(b)fluoranthene

Concen: 4.443 ng/ul

RT: 23.268 min Scan# 3432

Delta R.T. -0.006 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

Instrument :

BNA_P

ClientSampleId :

SSTD005645

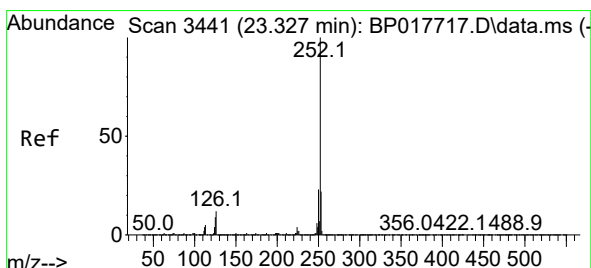
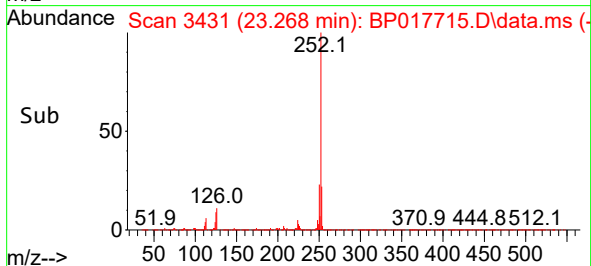
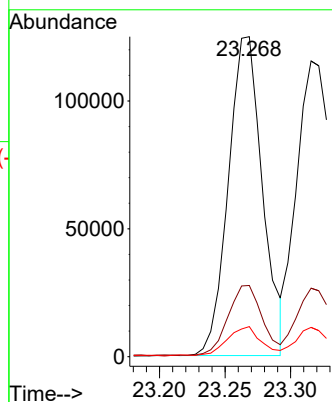
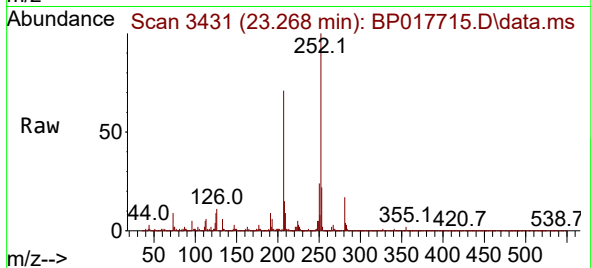
Tgt Ion:252 Resp: 225946

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.4 7.1 10.7



#91

Benzo(k)fluoranthene

Concen: 4.584 ng/ul

RT: 23.316 min Scan# 3439

Delta R.T. -0.012 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

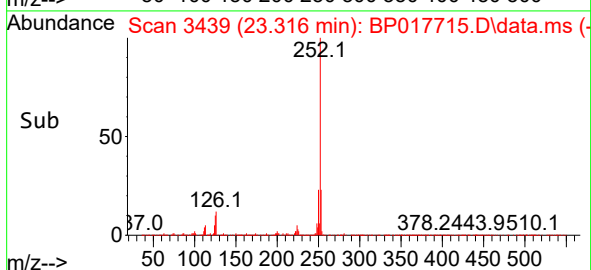
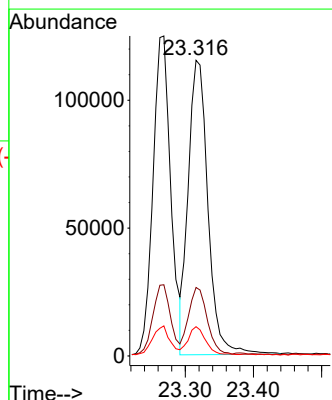
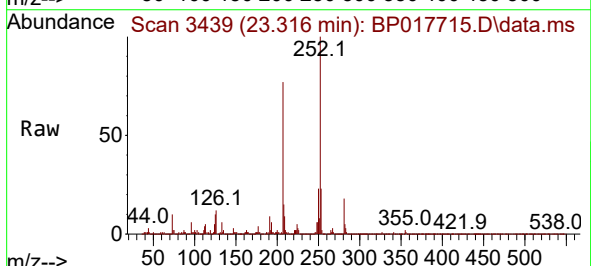
Tgt Ion:252 Resp: 231019

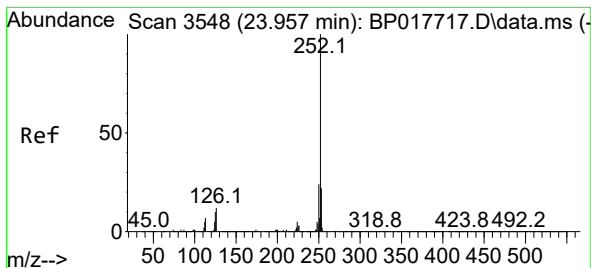
Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

125 9.9 7.0 10.6





#93

Benzo(a)pyrene

Concen: 4.368 ng/ul

RT: 23.945 min Scan# 3546

Delta R.T. -0.012 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

Instrument :

BNA_P

ClientSampleId :

SSTD005645

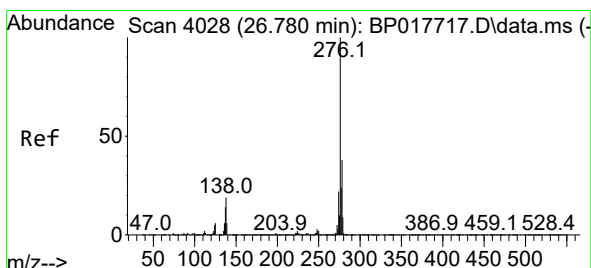
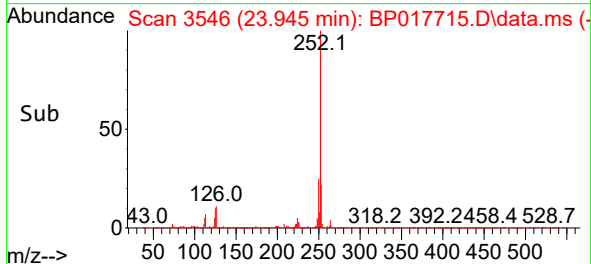
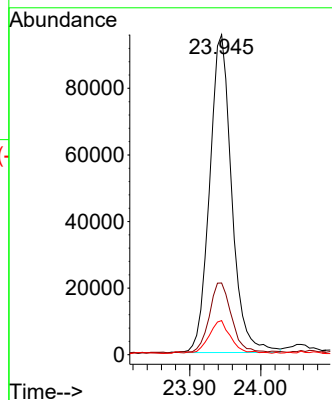
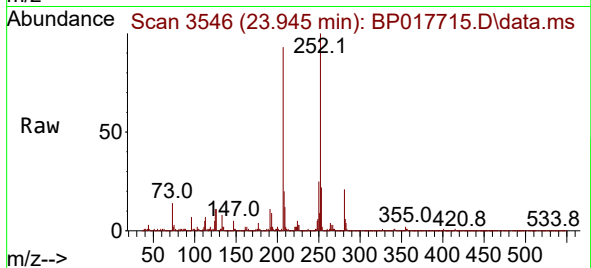
Tgt Ion:252 Resp: 206070

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 10.7 7.8 11.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.354 ng/ul

RT: 26.768 min Scan# 4026

Delta R.T. -0.012 min

Lab File: BP017715.D

Acq: 18 Oct 2023 18:24

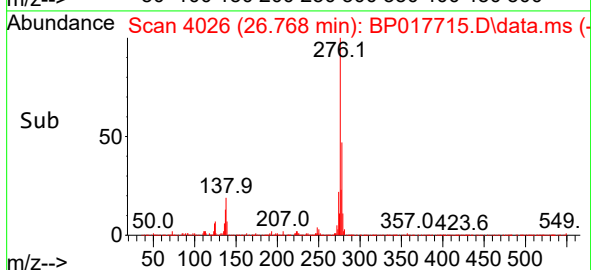
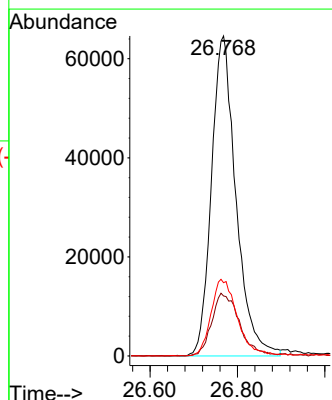
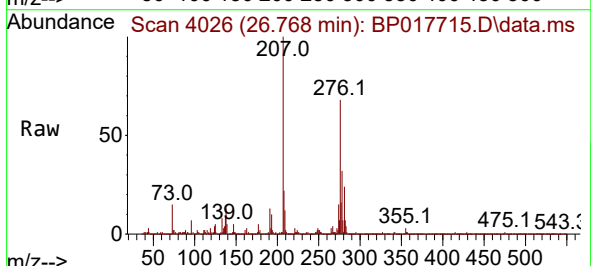
Tgt Ion:276 Resp: 251039

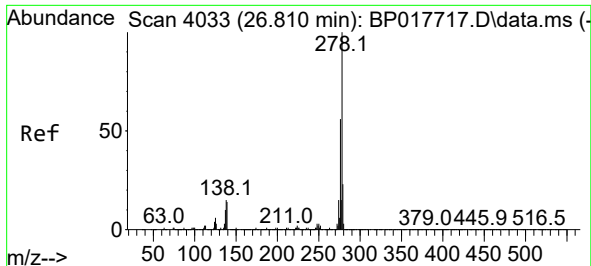
Ion Ratio Lower Upper

276 100

138 18.8 15.6 23.4

277 22.9 19.4 29.2

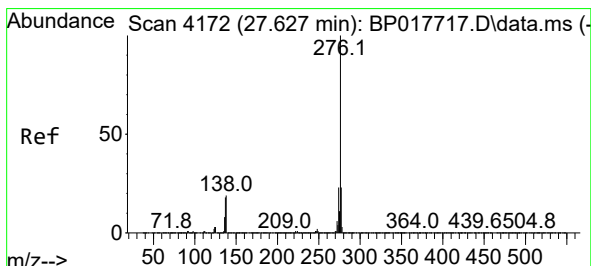
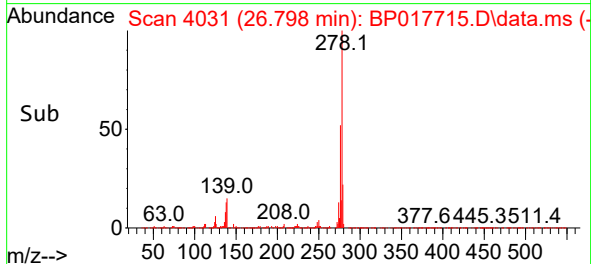
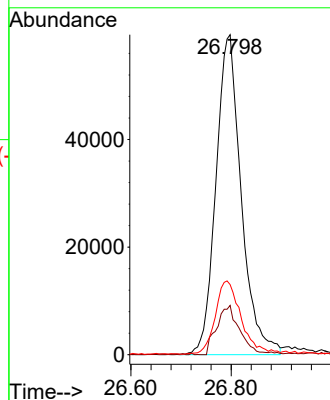
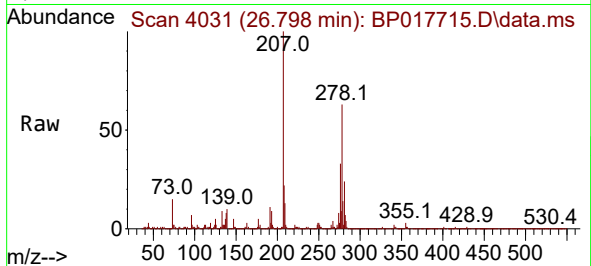




#95
Dibenzo(a,h)anthracene
Concen: 4.331 ng/ul
RT: 26.798 min Scan# 4033
Delta R.T. -0.012 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Instrument :
BNA_P
ClientSampleId :
SSTD005645

Tgt Ion:278 Resp: 208640
Ion Ratio Lower Upper
278 100
139 15.4 11.4 17.2
279 21.9 18.8 28.2



#96
Benzo(g,h,i)perylene
Concen: 4.523 ng/ul
RT: 27.609 min Scan# 4169
Delta R.T. -0.018 min
Lab File: BP017715.D
Acq: 18 Oct 2023 18:24

Tgt Ion:276 Resp: 207403
Ion Ratio Lower Upper
276 100
138 18.7 15.0 22.6
277 22.3 18.5 27.7

