

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
 Data File : BP016904.D
 Acq On : 01 Sep 2023 12:32
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020715

Quant Time: Sep 01 22:37:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	385654	20.000	ng/u1	0.00
20) Naphthalene-d8	10.851	136	1738725	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	1093331	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	2316562	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1669232	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	1527901	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	83788	8.979	ng/uL	0.00
4) Pyridine-d5	3.811	84	622147	21.818	ng/u1	0.00
7) Phenol-d5	7.169	99	776752	22.651	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	468992	21.458	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	609424	23.636	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	634345	22.660	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	295930	22.510	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	330406	23.843	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	622134	24.082	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	869152	21.938	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	1780920	21.599	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	2097238	22.500	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	340829	19.999	ng/u1	0.00
60) Fluorene-d10	15.675	176	1511779	21.773	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	295821	21.443	ng/u1	0.00
73) Anthracene-d10	17.545	188	2291262	22.314	ng/u1	0.00
81) Pyrene-d10	19.780	212	2431610	26.524	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	1665008	21.755	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	88753	8.734	ng/uL	98
5) Pyridine	3.828	79	644391	21.938	ng/u1	98
6) Benzaldehyde	7.175	77	466492	24.875	ng/u1	99
8) Phenol	7.199	94	815112	22.712	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.452	93	620739	21.428	ng/u1	99
12) 2-Chlorophenol	7.575	128	610420	23.162	ng/u1	99
13) 2-Methylphenol	8.463	108	606222	22.519	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.534	45	600021	14.199	ng/u1	98
16) Acetophenone	8.869	105	954996	22.001	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.840	70	520688	22.762	ng/u1	99
18) 4-Methylphenol	8.799	108	659924	22.511	ng/u1	99
19) Hexachloroethane	9.093	117	243714	22.225	ng/u1	96
22) Nitrobenzene	9.263	77	739108	21.915	ng/u1	100
23) Isophorone	9.775	82	1460174	22.291	ng/u1	99
25) 2-Nitrophenol	9.969	139	355398	23.195	ng/u1	99
26) 2,4-Dimethylphenol	10.004	107	707347	22.969	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.263	93	877862	21.722	ng/u1	98
29) 2,4-Dichlorophenol	10.493	162	612112	23.588	ng/u1	99
30) Naphthalene	10.904	128	1963901	21.805	ng/u1	100
32) 4-Chloroaniline	11.034	127	849913	21.830	ng/u1	99
33) Hexachlorobutadiene	11.128	225	342671	21.437	ng/u1	99
34) Caprolactam	11.857	113	211554	22.106	ng/u1	98
35) 4-Chloro-3-methylphenol	12.134	107	673805	23.154	ng/u1	100
36) 2-Methylnaphthalene	12.504	142	1357513	21.836	ng/u1	100

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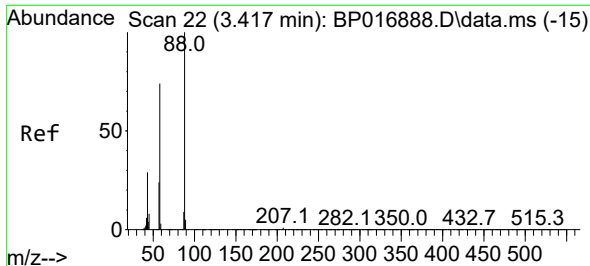
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	1376923	21.963	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.851	216	679373	21.802	ng/ul	100
40) Hexachlorocyclopentadiene	12.804	237	471838	20.590	ng/ul	97
41) 2,4,6-Trichlorophenol	13.104	196	486899	23.398	ng/ul	97
42) 2,4,5-Trichlorophenol	13.175	196	532956	23.668	ng/ul	98
43) 1,1'-Biphenyl	13.510	154	1806174	22.219	ng/ul	99
44) 2-Chloronaphthalene	13.557	162	1415507	22.058	ng/ul	99
45) 2-Nitroaniline	13.792	65	451756	23.213	ng/ul	98
47) Dimethylphthalate	14.134	163	1797718	21.529	ng/ul	100
48) 2,6-Dinitrotoluene	14.281	165	365482	22.337	ng/ul	98
50) Acenaphthylene	14.404	152	2373183	22.245	ng/ul	100
51) 3-Nitroaniline	14.622	138	388798	22.819	ng/ul	96
52) Acenaphthene	14.739	153	1531591	21.700	ng/ul	99
53) 2,4-Dinitrophenol	14.822	184	292921	24.636	ng/ul	98
55) 4-Nitrophenol	14.910	109	254109	19.744	ng/ul	98
56) Dibenzofuran	15.081	168	2096926	21.653	ng/ul	99
57) 2,4-Dinitrotoluene	15.063	165	532965	22.129	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.292	232	422502	22.040	ng/ul	99
59) Diethylphthalate	15.492	149	1809582	21.332	ng/ul	99
61) Fluorene	15.728	166	1735286	21.423	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.722	204	853586	21.463	ng/ul	97
63) 4-Nitroaniline	15.786	138	362588	22.364	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.816	198	320154	21.525	ng/ul	97
67) N-Nitrosodiphenylamine	15.945	169	1459432	22.778	ng/ul	99
68) 4-Bromophenyl-phenylether	16.622	248	491537	22.131	ng/ul	94
69) Hexachlorobenzene	16.710	284	537668	21.621	ng/ul	99
70) Atrazine	16.898	200	546145	22.609	ng/ul	98
71) Pentachlorophenol	17.075	266	414843	22.473	ng/ul	99
72) Phenanthrene	17.492	178	2664058	21.844	ng/ul	100
74) Anthracene	17.586	178	2733808	22.169	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.463	216	721805	23.270	ng/ul	100
76) Pentachlorobenzene	14.969	250	626714	22.609	ng/ul	100
77) Carbazole	17.863	167	2420936	21.799	ng/ul	100
78) Di-n-butylphthalate	18.375	149	3187327	23.003	ng/ul	100
80) Fluoranthene	19.451	202	2965627	26.929	ng/ul	100
82) Pyrene	19.810	202	3011828	26.476	ng/ul	100
83) Butylbenzylphthalate	20.663	149	1338415	27.281	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.469	252	728596	20.421	ng/ul	99
85) Benzo(a)anthracene	21.533	228	2560584	22.270	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	1889844	26.381	ng/ul	100
87) Chrysene	21.586	228	2324024	22.252	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	2857724	24.837	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	2056881	21.082	ng/ul	100
91) Benzo(k)fluoranthene	23.368	252	2104369	21.808	ng/ul	99
93) Benzo(a)pyrene	23.998	252	1928825	21.856	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.845	276	2123339	23.545	ng/ul	100
95) Dibenzo(a,h)anthracene	26.868	278	1743103	23.272	ng/ul	99
96) Benzo(g,h,i)perylene	27.703	276	1677223	24.532	ng/ul	99

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

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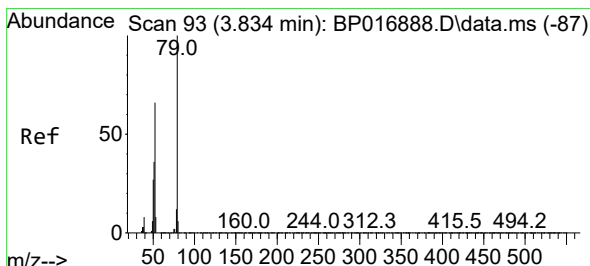
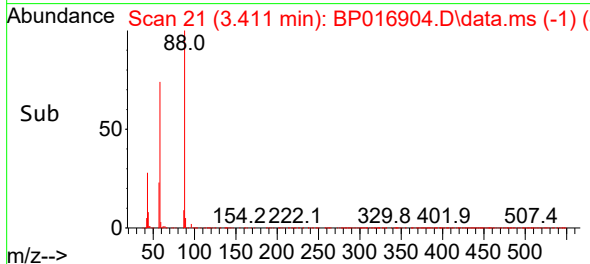
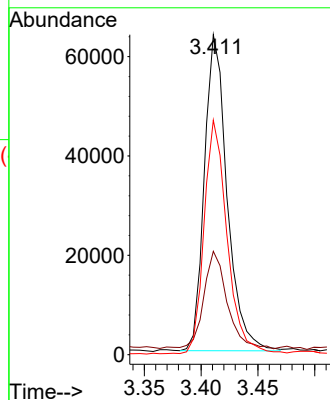
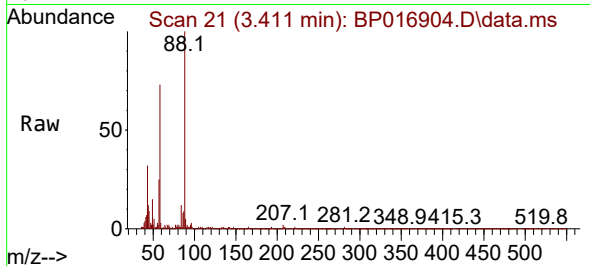




#2
1,4-Dioxane
Concen: 8.734 ng/uL
RT: 3.411 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016904.D
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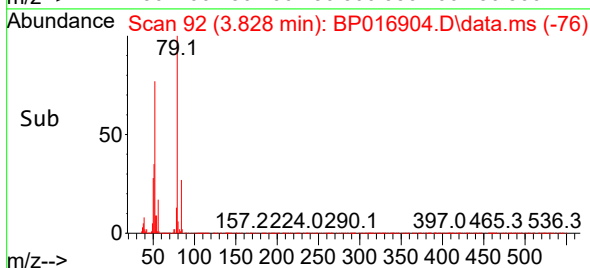
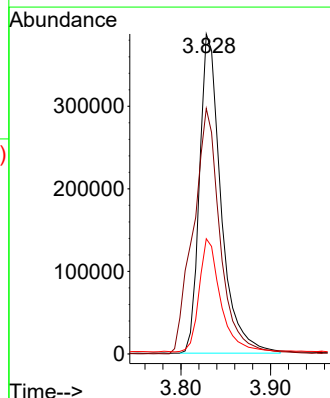
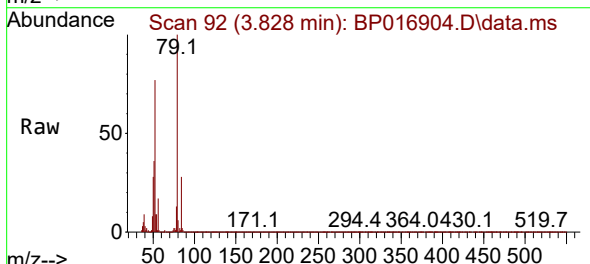
Instrument :
BNA_P
ClientSampleId :
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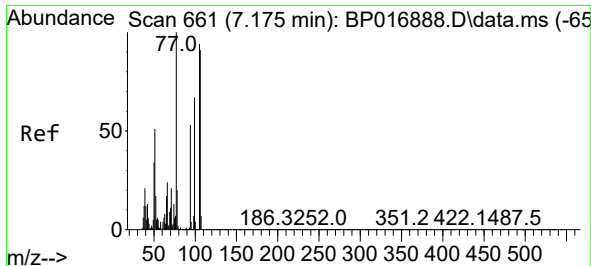
Tgt Ion: 88 Resp: 88753
Ion Ratio Lower Upper
88 100
43 32.3 24.0 36.0
58 73.3 59.8 89.8



#5
Pyridine
Concen: 21.938 ng/uL
RT: 3.828 min Scan# 92
Delta R.T. -0.006 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

Tgt Ion: 79 Resp: 644391
Ion Ratio Lower Upper
79 100
52 76.7 59.6 89.4
51 36.0 28.2 42.2

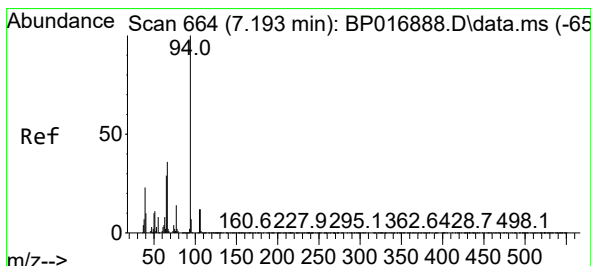
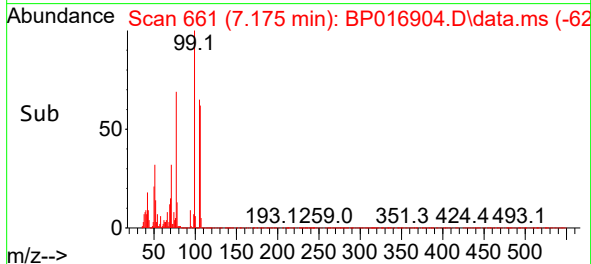
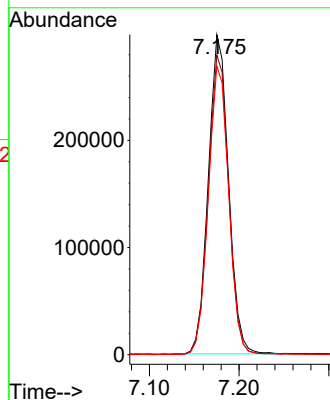
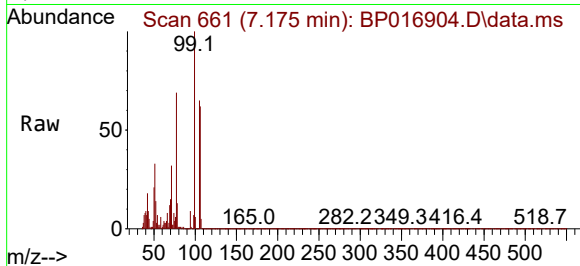




#6
Benzaldehyde
Concen: 24.875 ng/ul
RT: 7.175 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

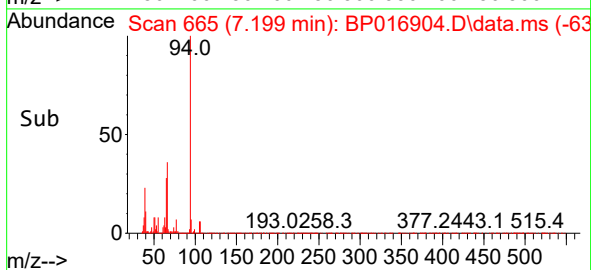
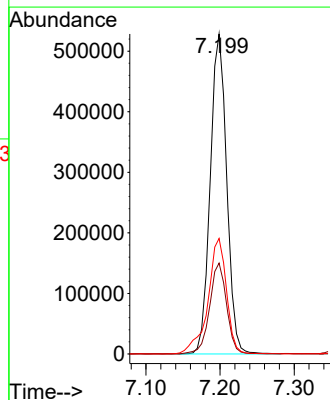
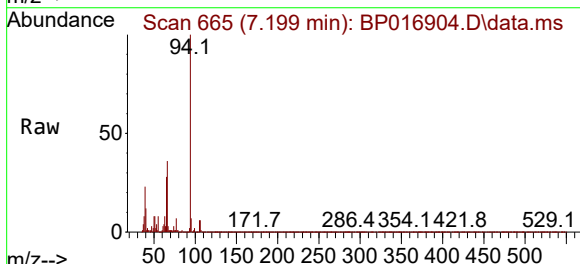
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BNA_P
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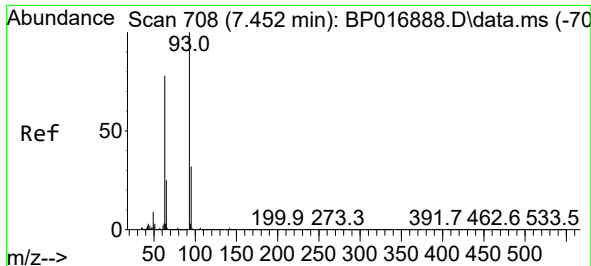
Tgt Ion: 77 Resp: 466492
Ion Ratio Lower Upper
77 100
105 93.7 75.4 113.2
106 90.2 73.1 109.7



#8
Phenol
Concen: 22.712 ng/ul
RT: 7.199 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

Tgt Ion: 94 Resp: 815112
Ion Ratio Lower Upper
94 100
65 28.4 22.4 33.6
66 36.1 28.6 42.8

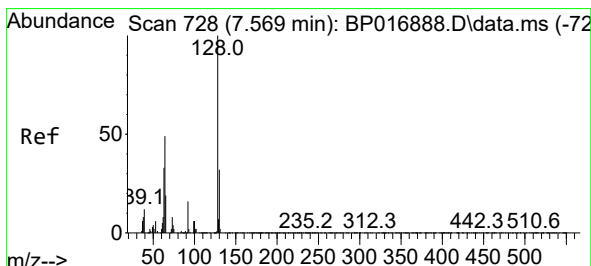
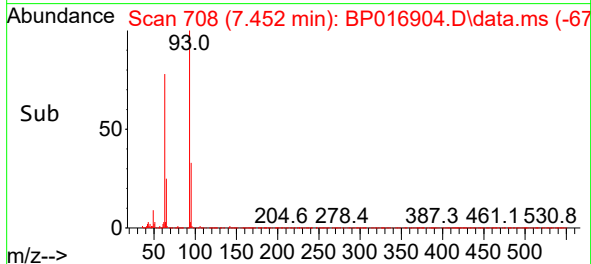
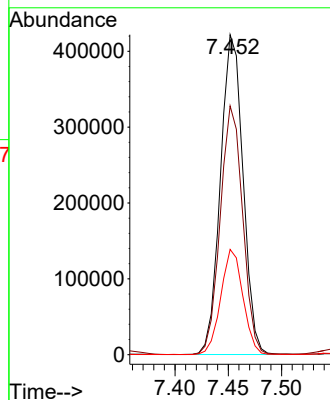
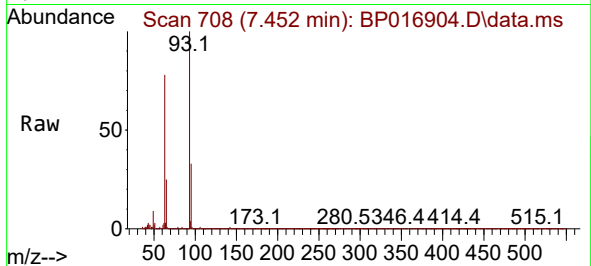




#10
Bis(2-Chloroethyl)ether
Concen: 21.428 ng/ul
RT: 7.452 min Scan# 708
Delta R.T. -0.006 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

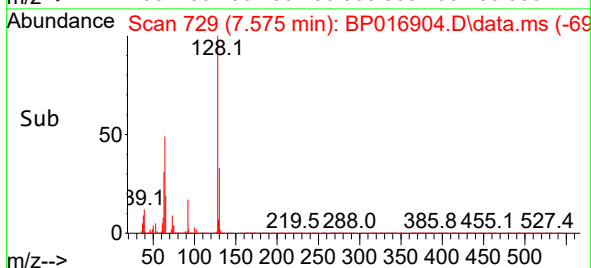
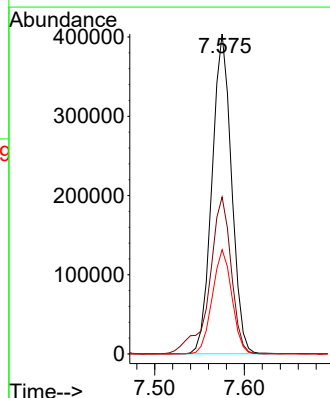
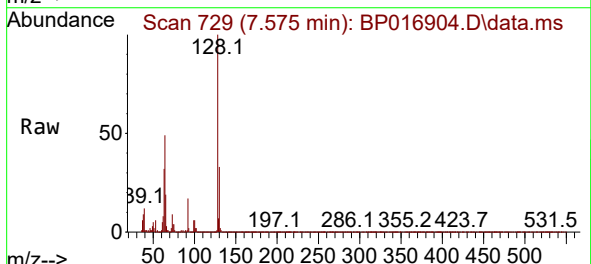
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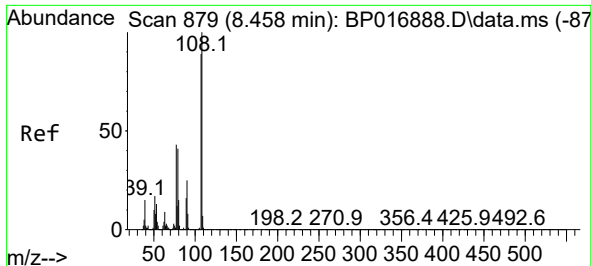
Tgt Ion: 93 Resp: 620739
Ion Ratio Lower Upper
93 100
63 77.7 62.9 94.3
95 32.9 26.3 39.5



#12
2-Chlorophenol
Concen: 23.162 ng/ul
RT: 7.575 min Scan# 729
Delta R.T. 0.000 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

Tgt Ion:128 Resp: 610420
Ion Ratio Lower Upper
128 100
64 49.0 40.0 60.0
130 32.6 26.4 39.6

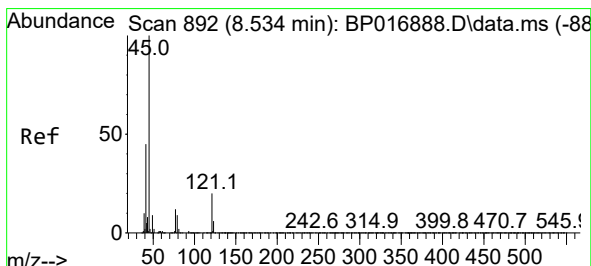
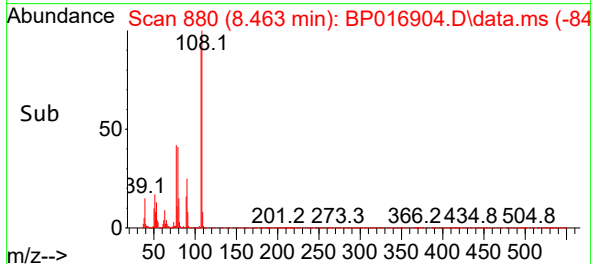
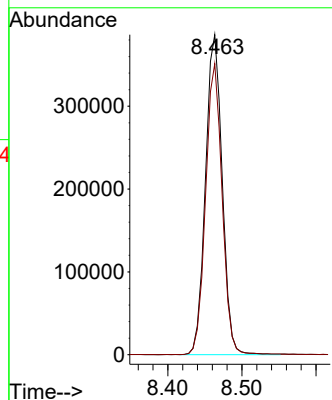
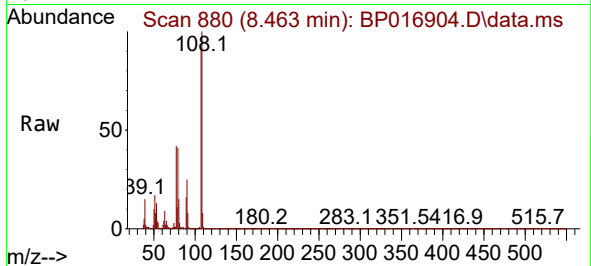




#13
2-Methylphenol
Concen: 22.519 ng/ul
RT: 8.463 min Scan# 879
Delta R.T. 0.000 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

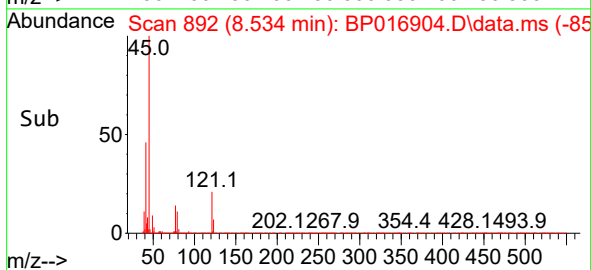
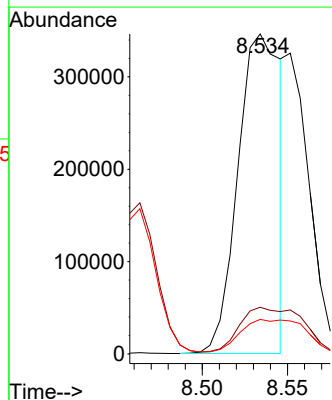
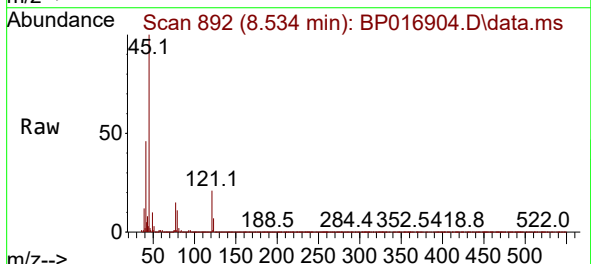
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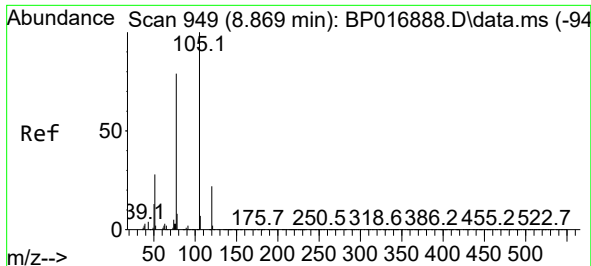
Tgt Ion:108 Resp: 606222
Ion Ratio Lower Upper
108 100
107 90.9 71.4 107.2



#14
2,2'-oxybis(1-Chloropropane)
Concen: 14.199 ng/ul
RT: 8.534 min Scan# 892
Delta R.T. -0.006 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

Tgt Ion: 45 Resp: 600021
Ion Ratio Lower Upper
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77 14.6 11.1 16.7
79 10.8 8.2 12.4

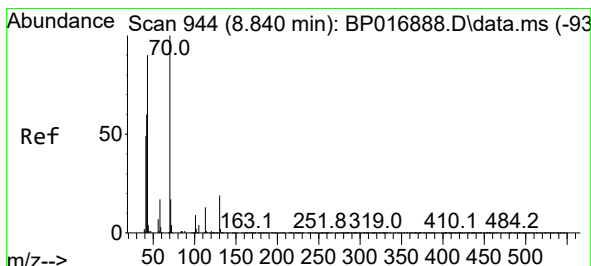
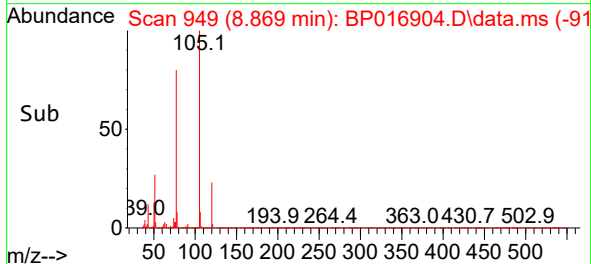
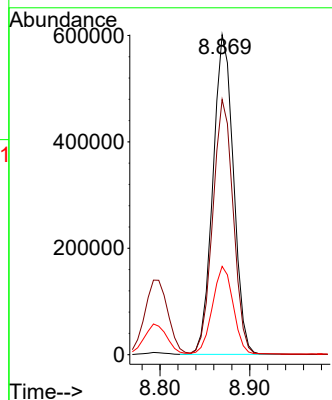
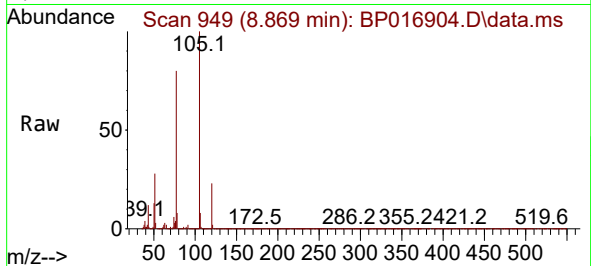




#16
Acetophenone
Concen: 22.001 ng/ul
RT: 8.869 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

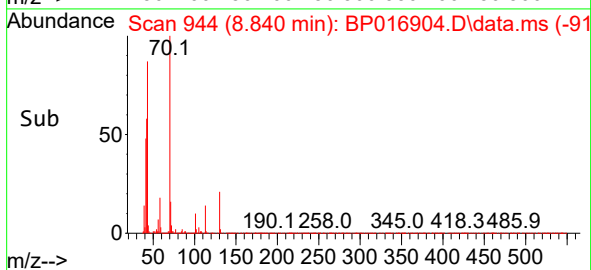
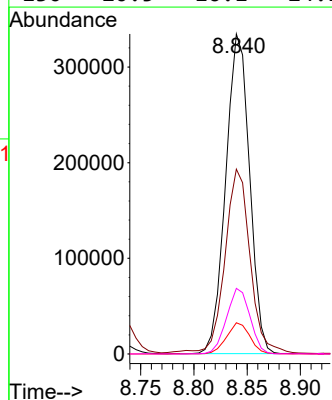
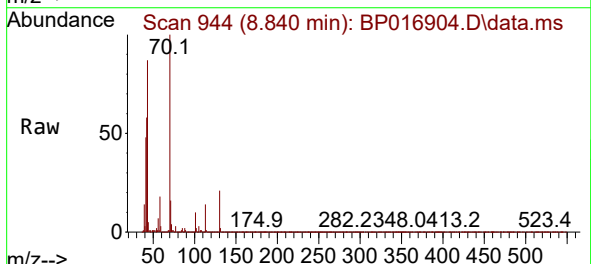
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ClientSampleId :
SSTD020715

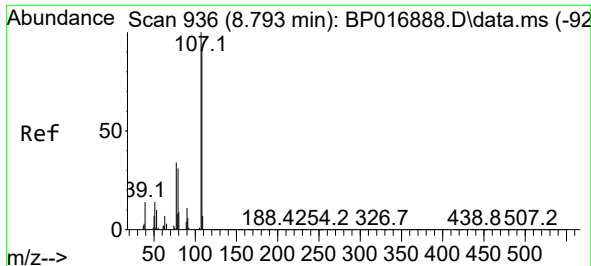
Tgt Ion:105 Resp: 954996
Ion Ratio Lower Upper
105 100
77 79.8 64.2 96.4
51 27.6 22.2 33.4



#17
N-Nitroso-di-n-propylamine
Concen: 22.762 ng/ul
RT: 8.840 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

Tgt Ion: 70 Resp: 520688
Ion Ratio Lower Upper
70 100
42 57.7 46.0 69.0
101 9.8 7.6 11.4
130 20.5 16.1 24.1

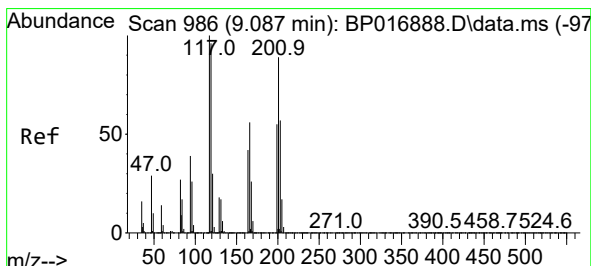
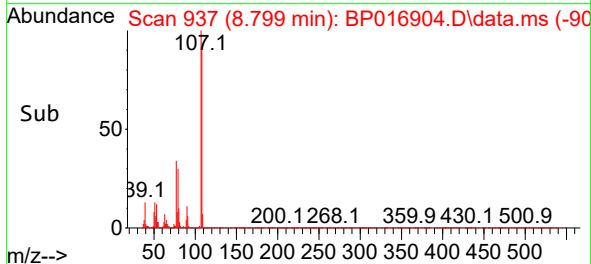
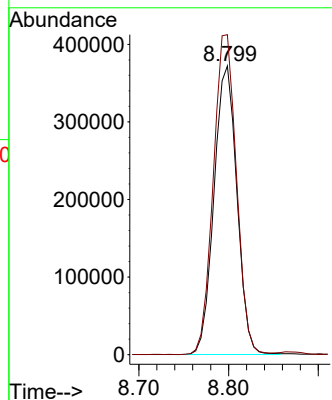
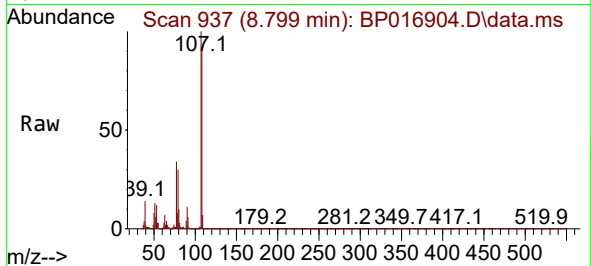




#18
4-Methylphenol
Concen: 22.511 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

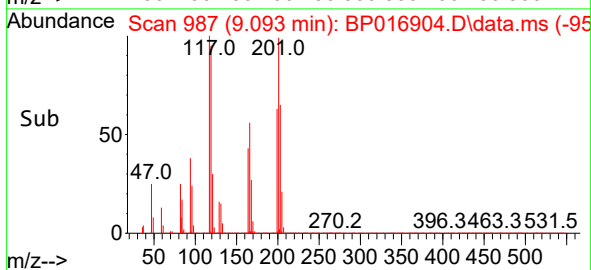
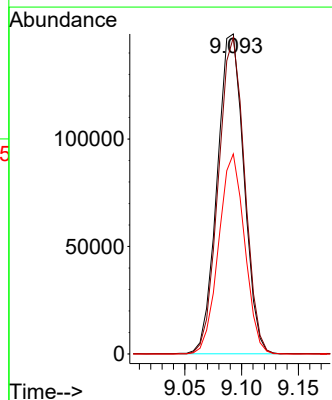
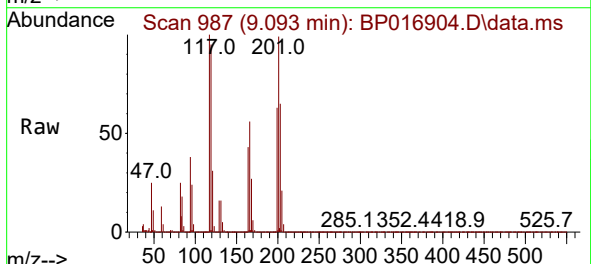
Instrument :
BNA_P
ClientSampleId :
SSTD020715

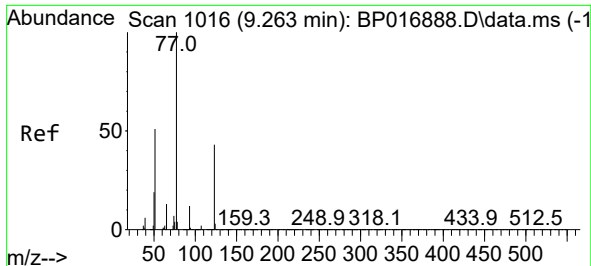
Tgt Ion:108 Resp: 659924
Ion Ratio Lower Upper
108 100
107 110.8 89.8 134.6



#19
Hexachloroethane
Concen: 22.225 ng/ul
RT: 9.093 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

Tgt Ion:117 Resp: 243714
Ion Ratio Lower Upper
117 100
201 98.9 75.4 113.2
199 62.5 47.8 71.6

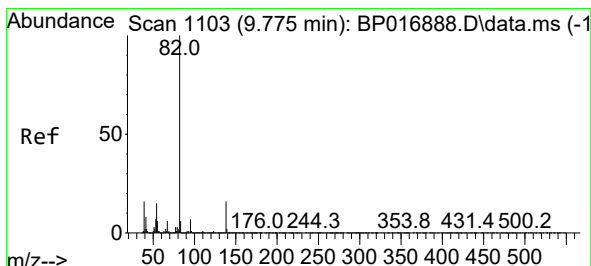
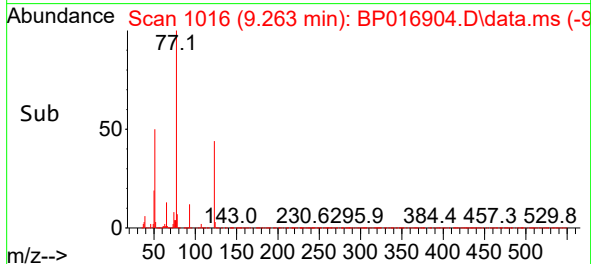
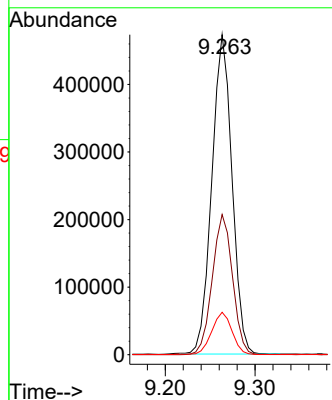
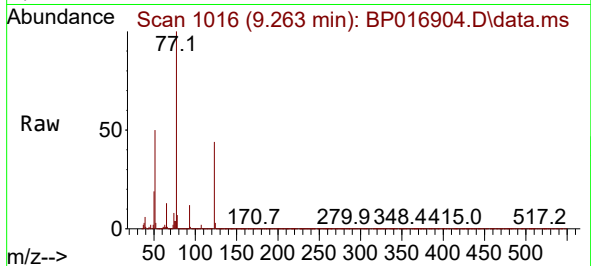




#22
Nitrobenzene
Concen: 21.915 ng/ul
RT: 9.263 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

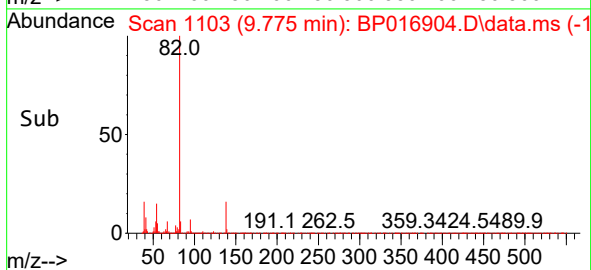
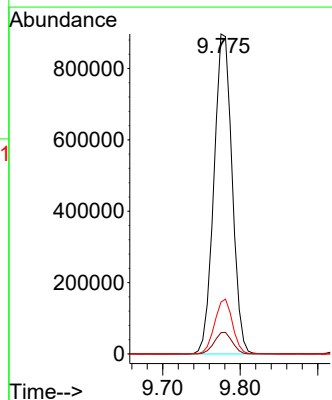
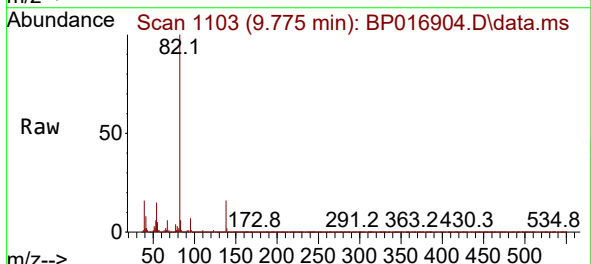
Instrument :
BNA_P
ClientSampleId :
SSTD020715

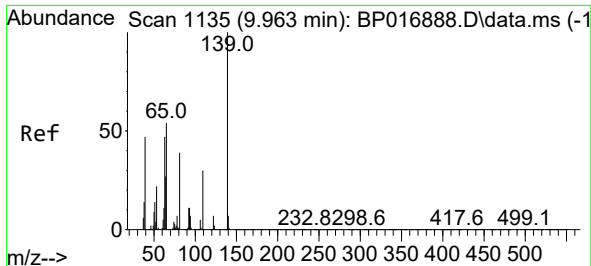
Tgt Ion: 77 Resp: 739108
Ion Ratio Lower Upper
77 100
123 43.8 34.9 52.3
65 13.2 10.6 15.8



#23
Isophorone
Concen: 22.291 ng/ul
RT: 9.775 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

Tgt Ion: 82 Resp: 1460174
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 16.2 13.5 20.3

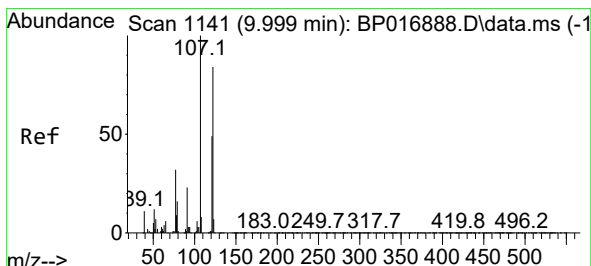
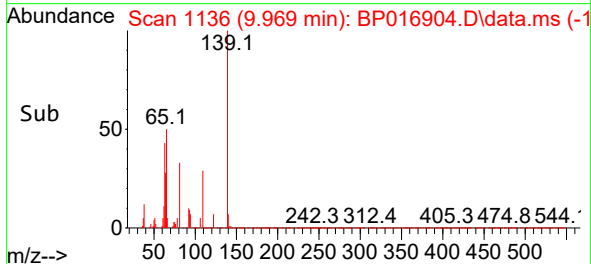
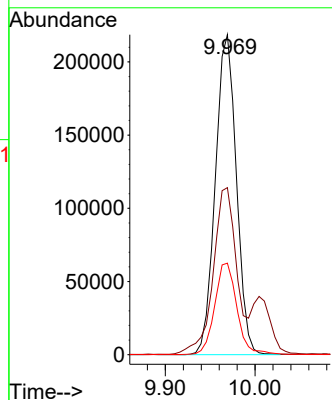
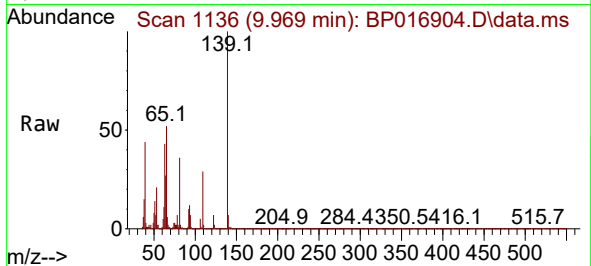




#25
2-Nitrophenol
Concen: 23.195 ng/ul
RT: 9.969 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

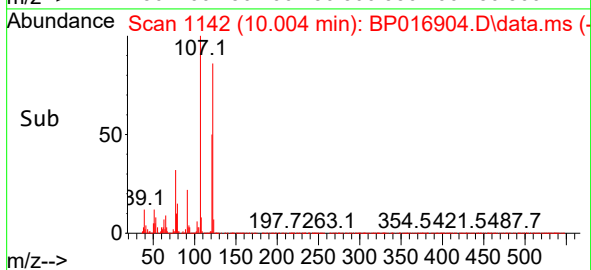
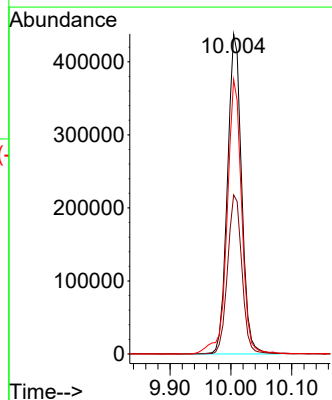
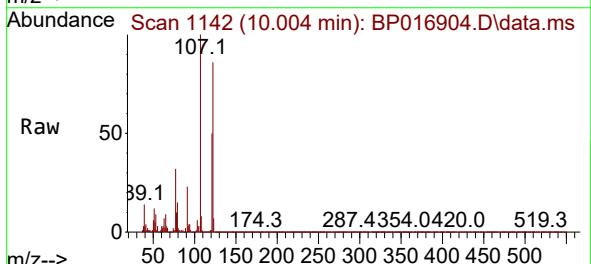
Instrument :
BNA_P
ClientSampleId :
SSTD020715

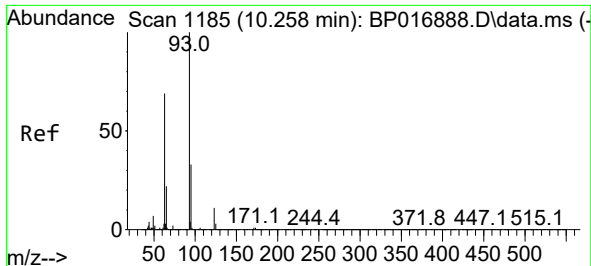
Tgt Ion:139 Resp: 355398
Ion Ratio Lower Upper
139 100
65 52.2 42.0 63.0
109 28.6 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 22.969 ng/ul
RT: 10.004 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

Tgt Ion:107 Resp: 707347
Ion Ratio Lower Upper
107 100
121 49.7 40.7 61.1
122 85.8 69.7 104.5

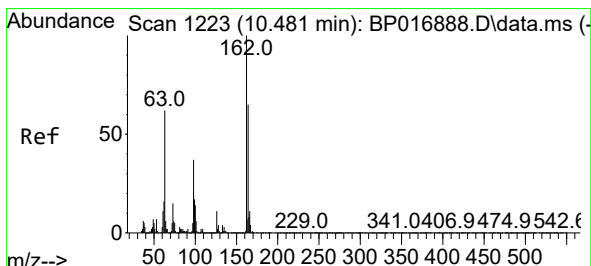
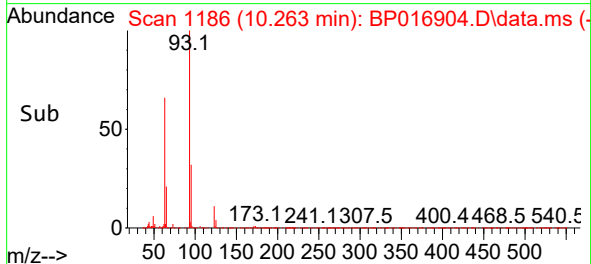
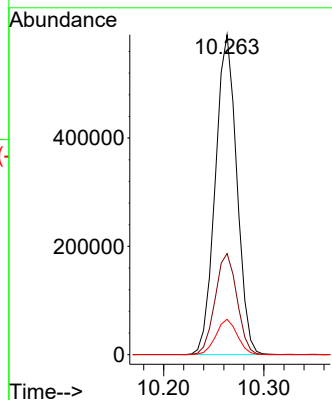
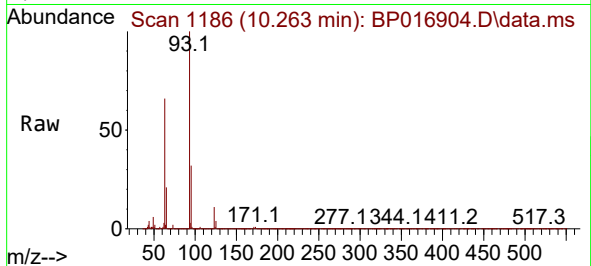




#27
 Bis(2-Chloroethoxy)methane
 Concen: 21.722 ng/ul
 RT: 10.263 min Scan# 1186
 Delta R.T. 0.000 min
 Lab File: BP016904.D
 Acq: 01 Sep 2023 12:32

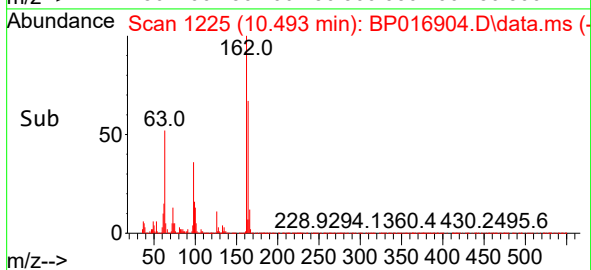
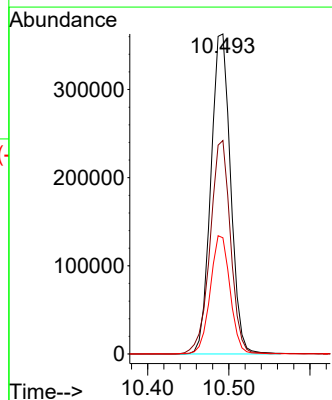
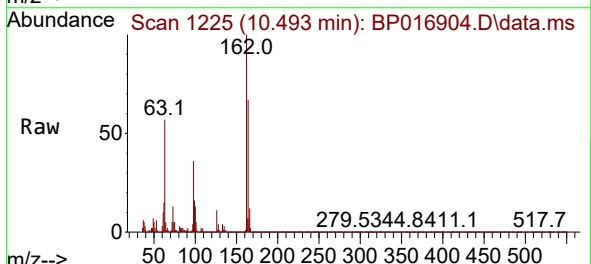
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020715

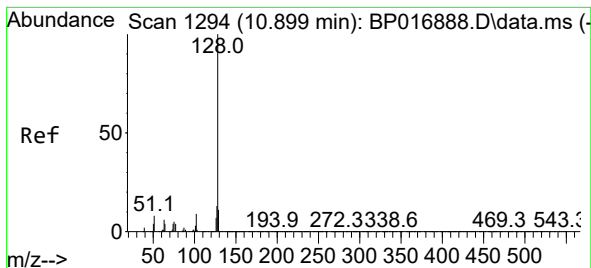
Tgt Ion: 93 Resp: 877862
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.3 39.5
 123 11.1 8.8 13.2



#29
 2,4-Dichlorophenol
 Concen: 23.588 ng/ul
 RT: 10.493 min Scan# 1225
 Delta R.T. 0.006 min
 Lab File: BP016904.D
 Acq: 01 Sep 2023 12:32

Tgt Ion:162 Resp: 612112
 Ion Ratio Lower Upper
 162 100
 164 66.7 52.2 78.2
 98 36.3 29.3 43.9





#30

Naphthalene

Concen: 21.805 ng/ul

RT: 10.904 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Instrument :

BNA_P

ClientSampleId :

SSTD020715

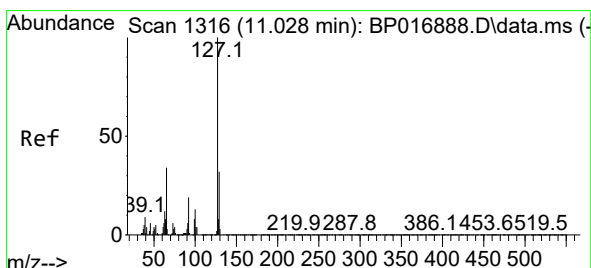
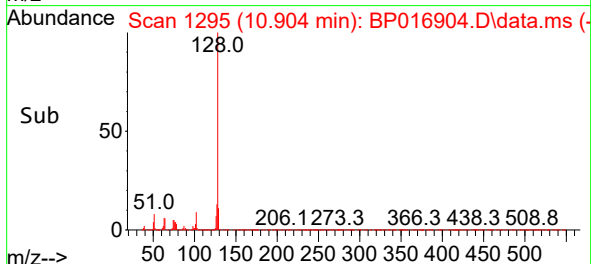
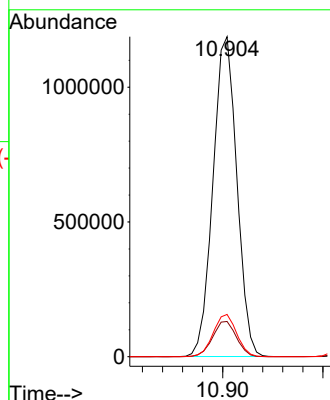
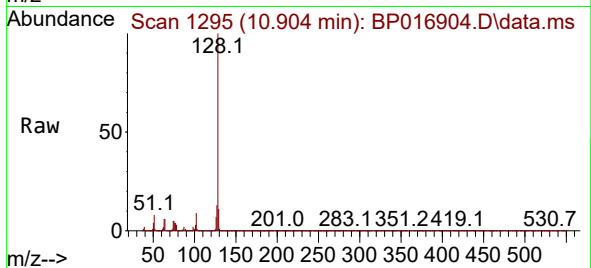
Tgt Ion:128 Resp: 1963901

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.2 10.3 15.5



#32

4-Chloroaniline

Concen: 21.830 ng/ul

RT: 11.034 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BP016904.D

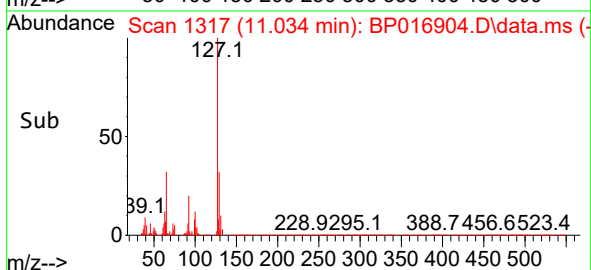
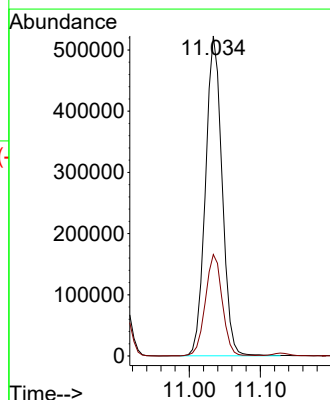
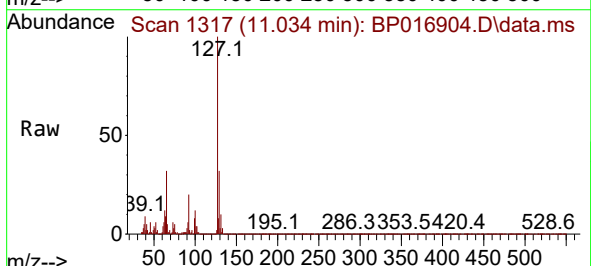
Acq: 01 Sep 2023 12:32

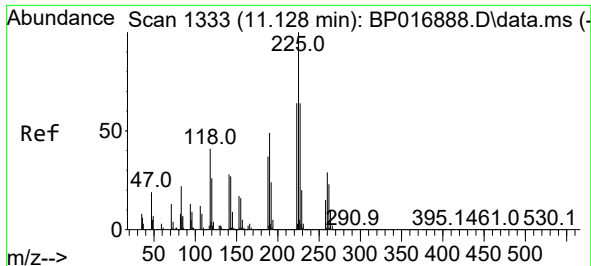
Tgt Ion:127 Resp: 849913

Ion Ratio Lower Upper

127 100

129 31.7 25.9 38.9

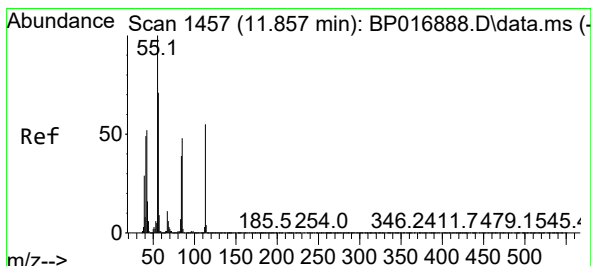
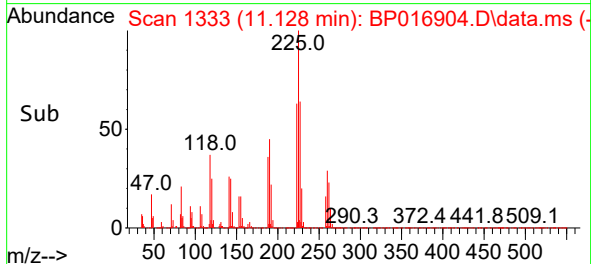
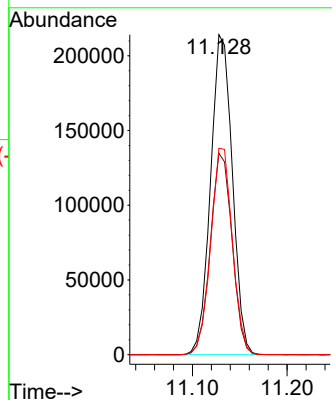
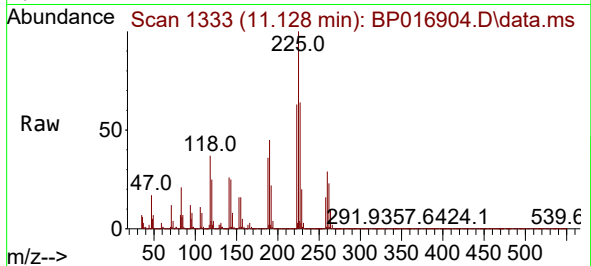




#33
Hexachlorobutadiene
Concen: 21.437 ng/ul
RT: 11.128 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

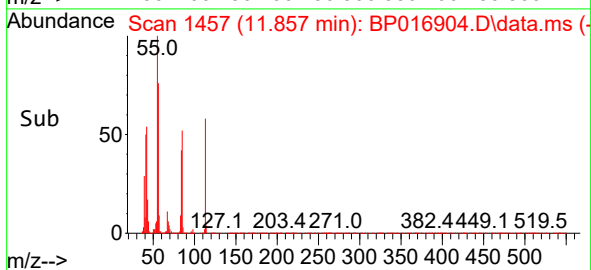
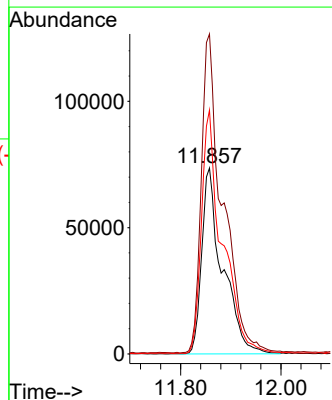
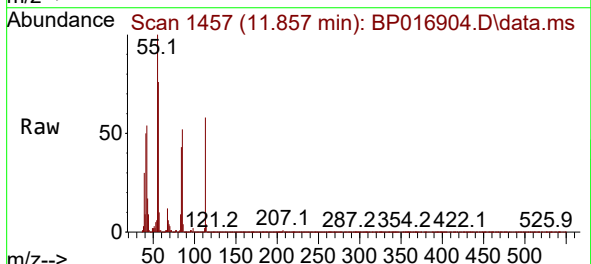
Instrument :
BNA_P
ClientSampleId :
SSTD020715

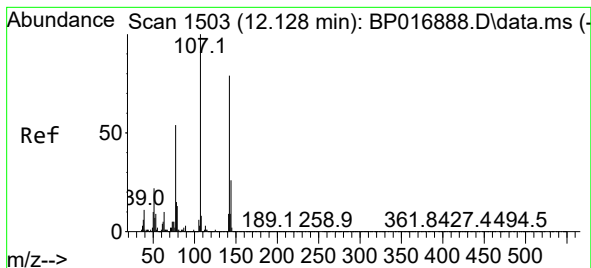
Tgt Ion:225 Resp: 342671
Ion Ratio Lower Upper
225 100
223 63.0 51.0 76.4
227 64.5 52.5 78.7



#34
Caprolactam
Concen: 22.106 ng/ul
RT: 11.857 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

Tgt Ion:113 Resp: 211554
Ion Ratio Lower Upper
113 100
55 172.1 140.6 210.8
56 131.1 104.5 156.7

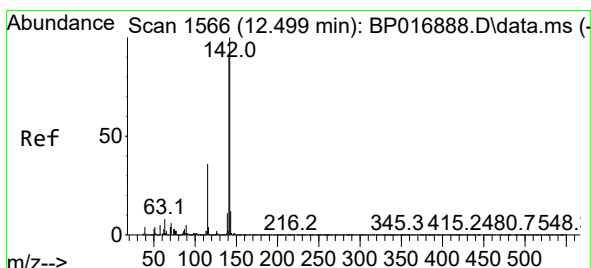
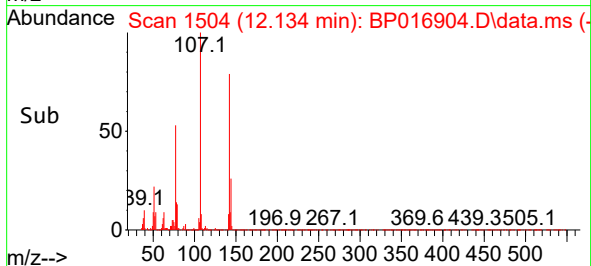
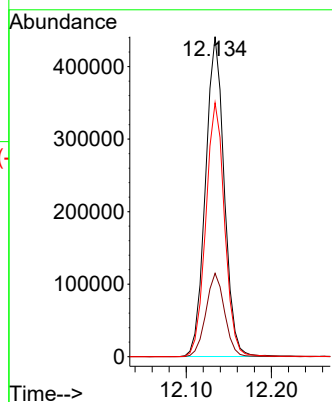
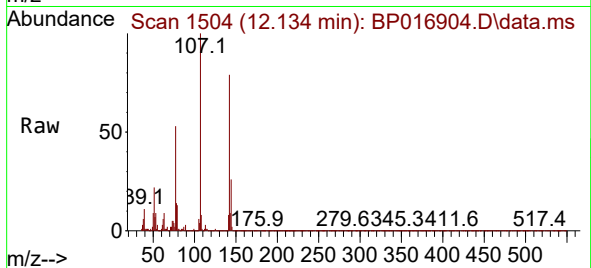




#35
4-Chloro-3-methylphenol
Concen: 23.154 ng/ul
RT: 12.134 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

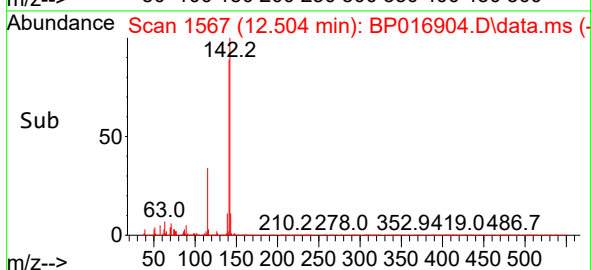
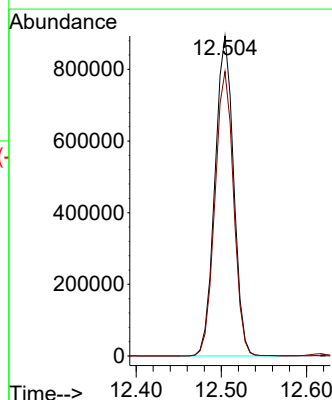
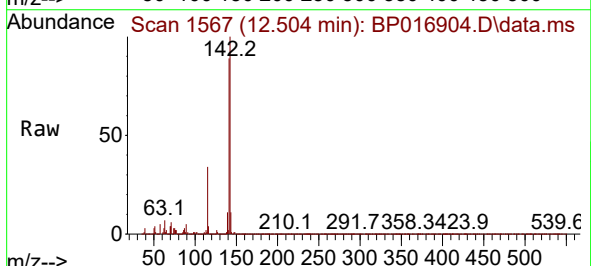
Instrument :
BNA_P
ClientSampleId :
SSTD020715

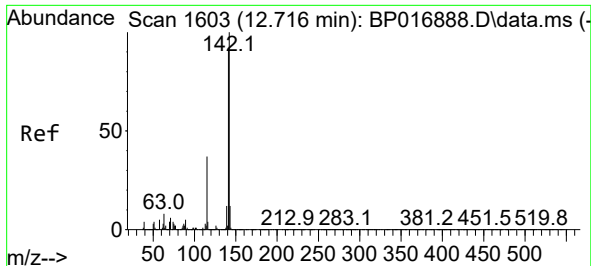
Tgt Ion:107 Resp: 673805
Ion Ratio Lower Upper
107 100
144 26.1 20.6 31.0
142 79.4 63.7 95.5



#36
2-Methylnaphthalene
Concen: 21.836 ng/ul
RT: 12.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

Tgt Ion:142 Resp: 1357513
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0





#37

1-Methylnaphthalene

Concen: 21.963 ng/ul

RT: 12.722 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Instrument :

BNA_P

ClientSampleId :

SSTD020715

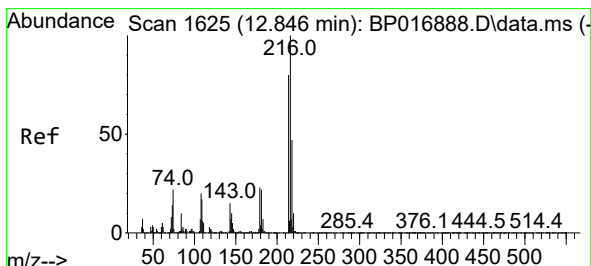
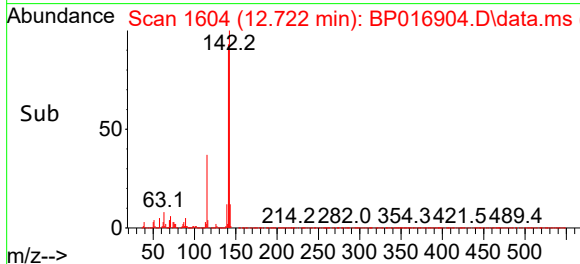
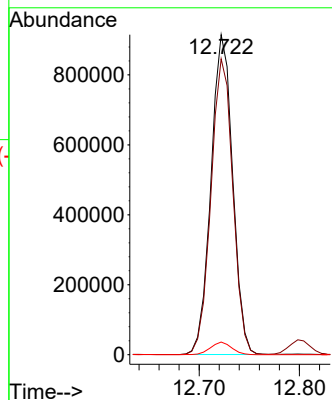
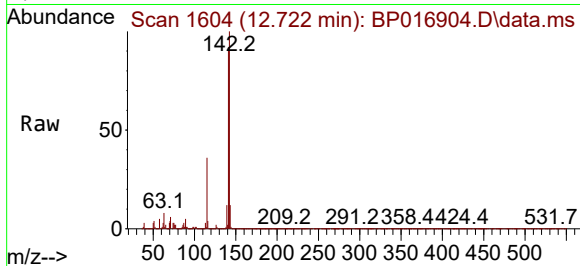
Tgt Ion:142 Resp: 1376923

Ion Ratio Lower Upper

142 100

141 92.4 73.0 109.4

116 4.0 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.802 ng/ul

RT: 12.851 min Scan# 1626

Delta R.T. 0.000 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Tgt Ion:216 Resp: 679373

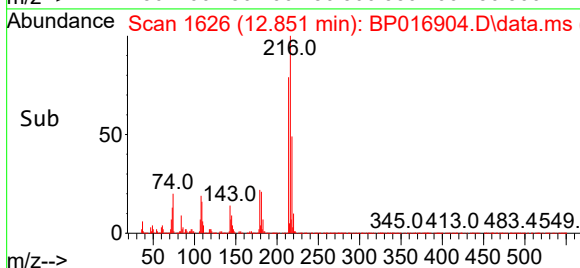
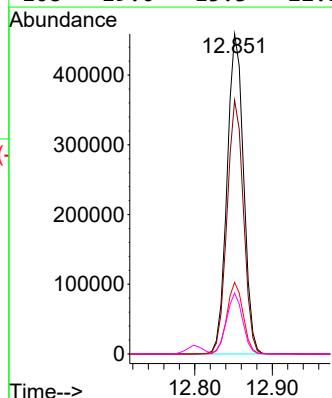
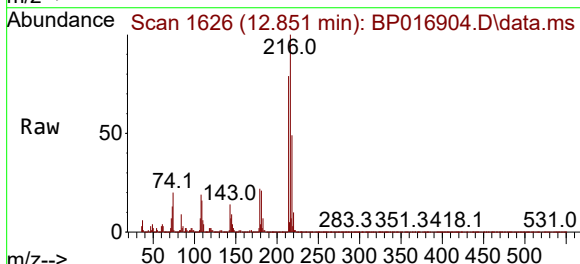
Ion Ratio Lower Upper

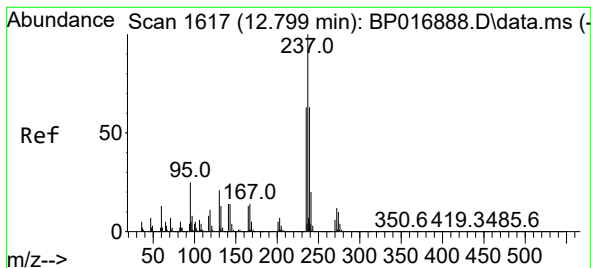
216 100

214 79.3 63.4 95.2

179 22.4 17.4 26.2

108 19.0 15.3 22.9





#40

Hexachlorocyclopentadiene

Concen: 20.590 ng/ul

RT: 12.804 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Instrument :

BNA_P

ClientSampleId :

SSTD020715

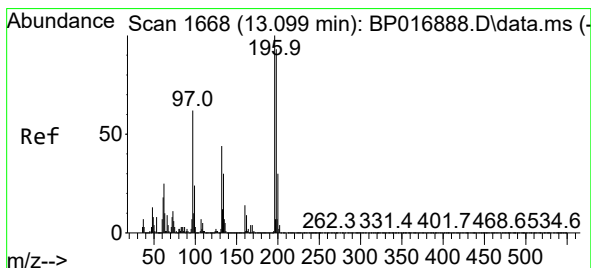
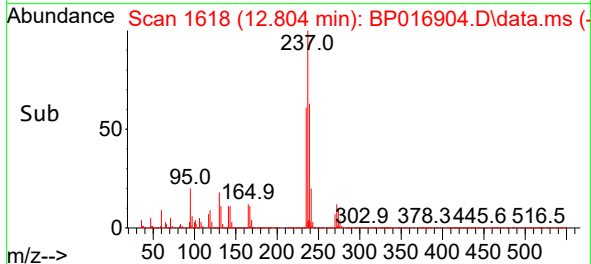
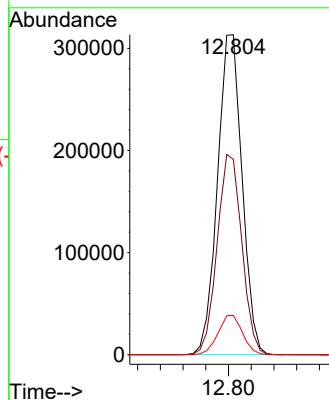
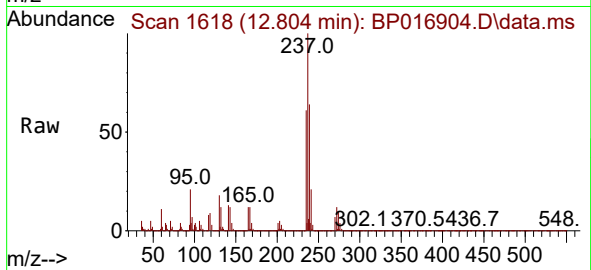
Tgt Ion:237 Resp: 471838

Ion Ratio Lower Upper

237 100

235 61.0 51.3 76.9

272 12.2 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 23.398 ng/ul

RT: 13.104 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

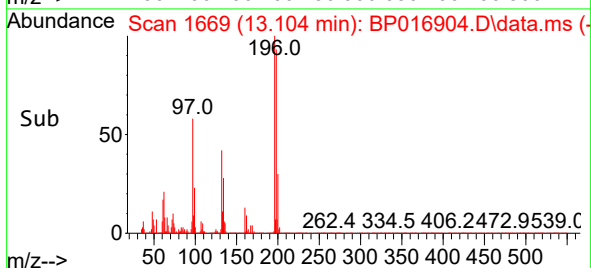
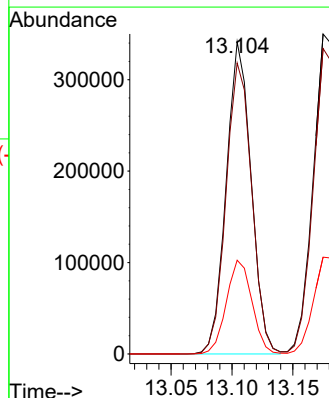
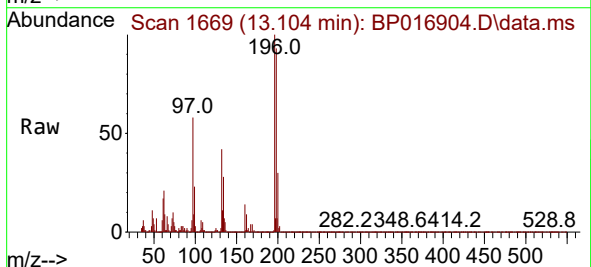
Tgt Ion:196 Resp: 486899

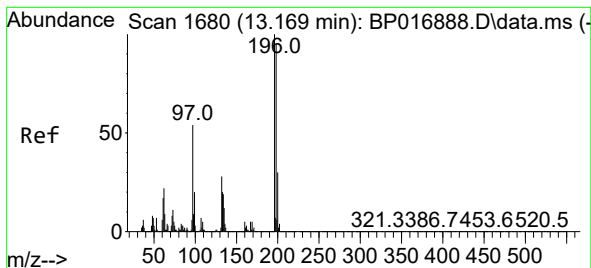
Ion Ratio Lower Upper

196 100

198 93.3 76.6 115.0

200 30.0 25.2 37.8





#42

2,4,5-Trichlorophenol

Concen: 23.668 ng/ul

RT: 13.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Instrument :

BNA_P

ClientSampleId :

SSTD020715

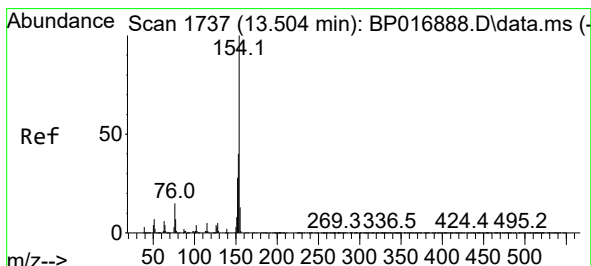
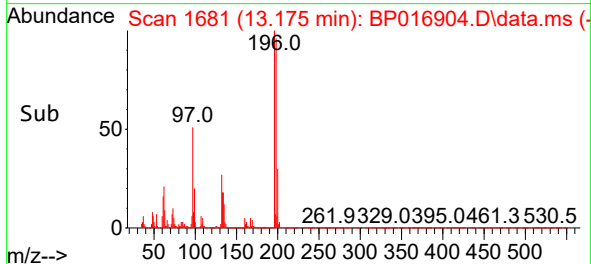
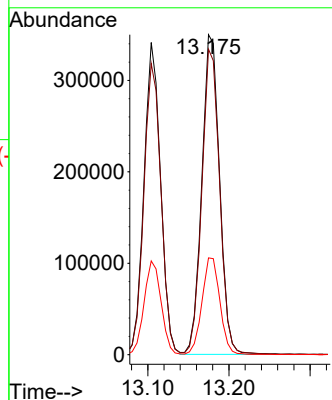
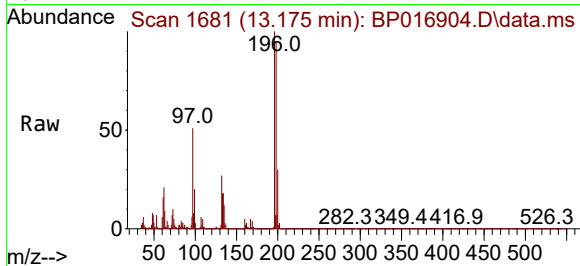
Tgt Ion:196 Resp: 532956

Ion Ratio Lower Upper

196 100

198 95.5 77.8 116.8

200 30.3 24.8 37.2



#43

1,1'-Biphenyl

Concen: 22.219 ng/ul

RT: 13.510 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

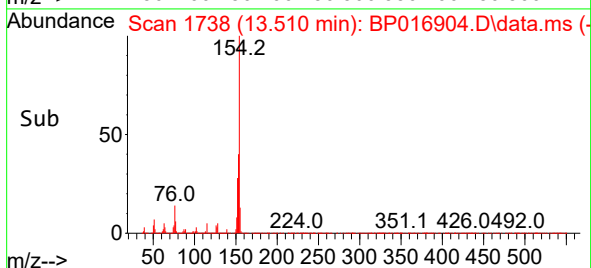
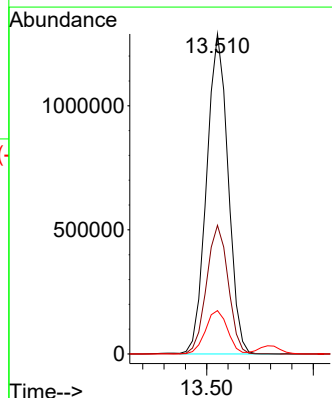
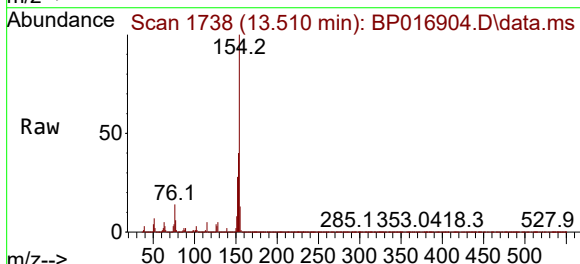
Tgt Ion:154 Resp: 1806174

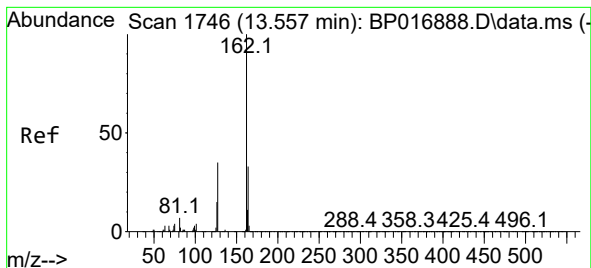
Ion Ratio Lower Upper

154 100

153 40.2 32.7 49.1

76 13.6 11.3 16.9





#44

2-Chloronaphthalene

Concen: 22.058 ng/ul

RT: 13.557 min Scan# 1746

Delta R.T. -0.006 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Instrument :

BNA_P

ClientSampleId :

SSTD020715

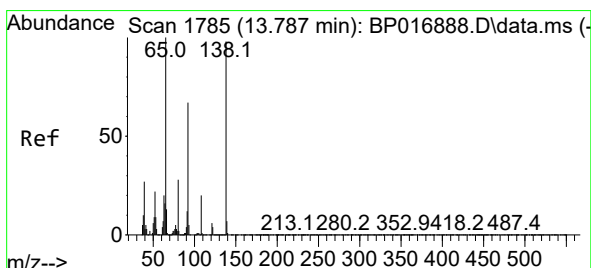
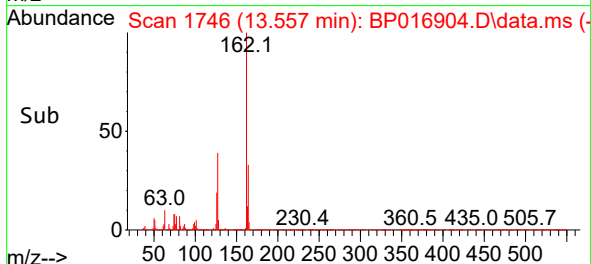
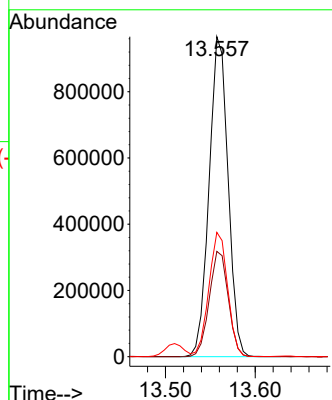
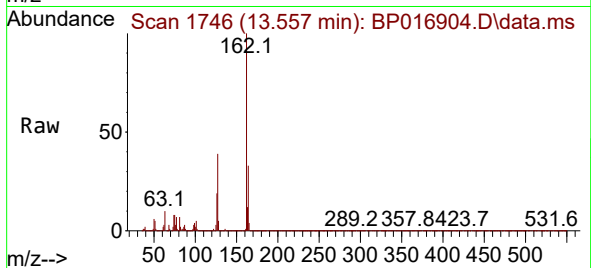
Tgt Ion:162 Resp: 1415507

Ion Ratio Lower Upper

162 100

164 32.9 26.1 39.1

127 38.9 30.8 46.2



#45

2-Nitroaniline

Concen: 23.213 ng/ul

RT: 13.792 min Scan# 1786

Delta R.T. 0.000 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

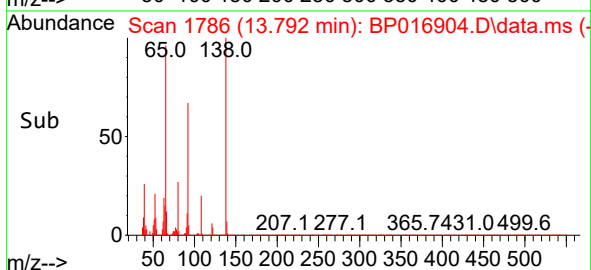
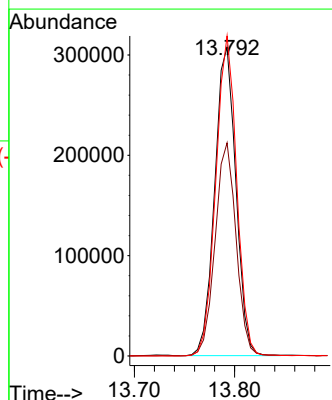
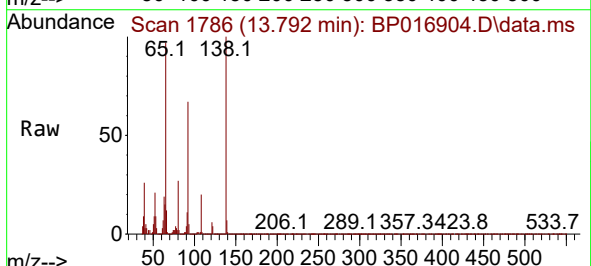
Tgt Ion: 65 Resp: 451756

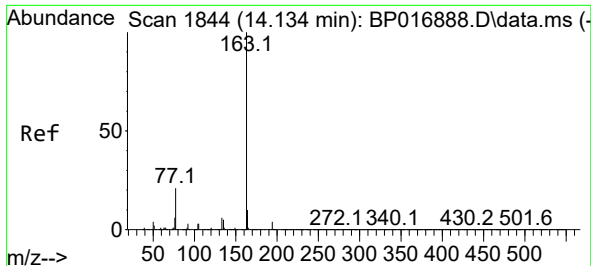
Ion Ratio Lower Upper

65 100

92 69.0 53.8 80.8

138 103.6 80.7 121.1

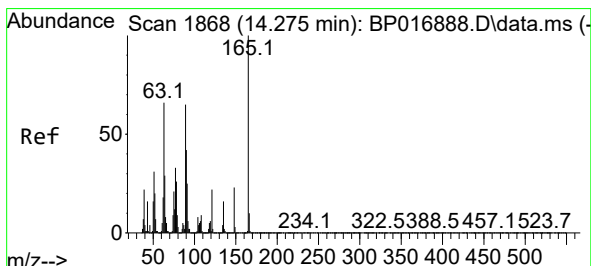
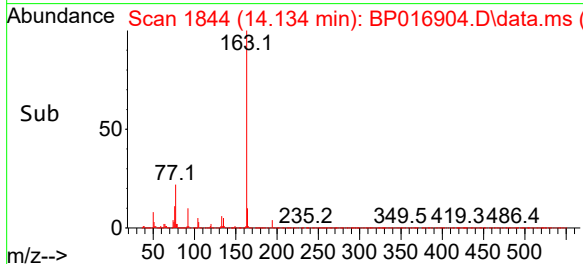
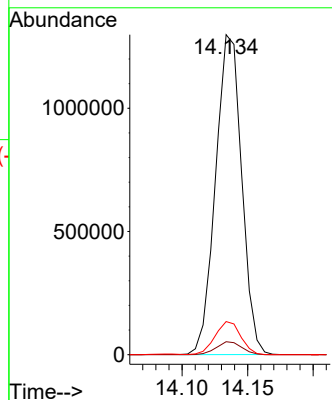
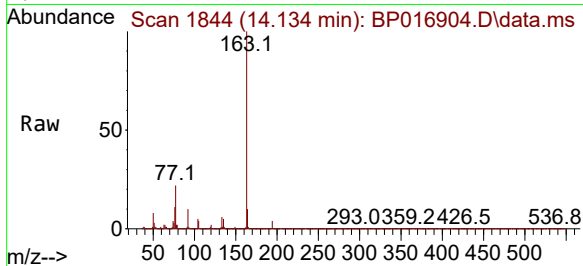




#47
Dimethylphthalate
Concen: 21.529 ng/ul
RT: 14.134 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

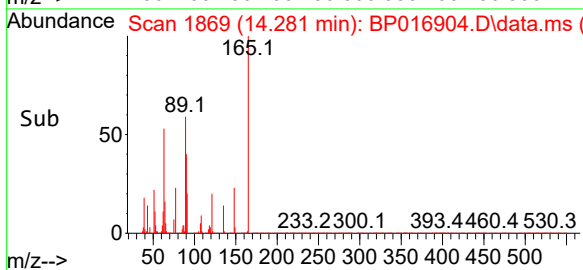
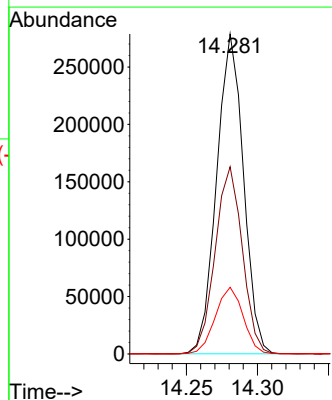
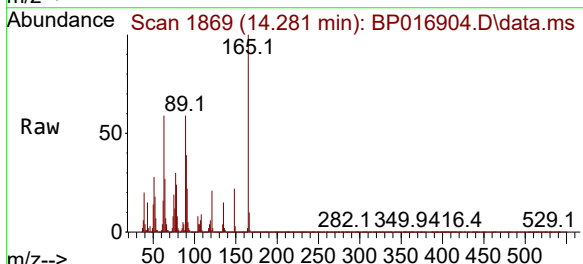
Instrument :
BNA_P
ClientSampleId :
SSTD020715

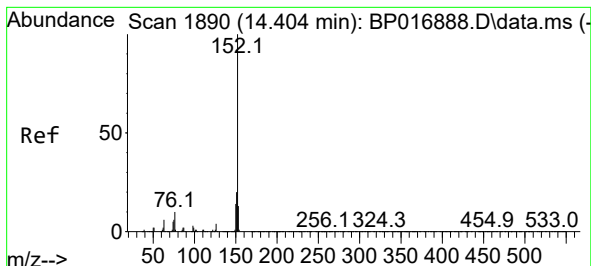
Tgt Ion:163 Resp: 1797718
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.4 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 22.337 ng/ul
RT: 14.281 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

Tgt Ion:165 Resp: 365482
Ion Ratio Lower Upper
165 100
89 58.5 48.0 72.0
121 20.9 16.9 25.3





#50

Acenaphthylene

Concen: 22.245 ng/ul

RT: 14.404 min Scan# 1890

Delta R.T. 0.000 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Instrument :

BNA_P

ClientSampleId :

SSTD020715

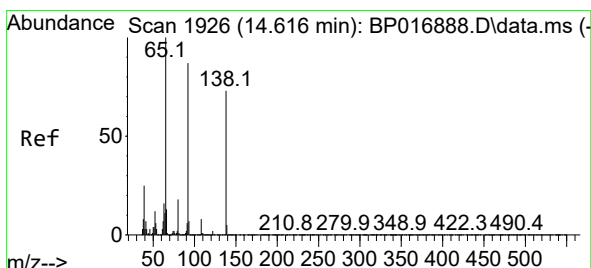
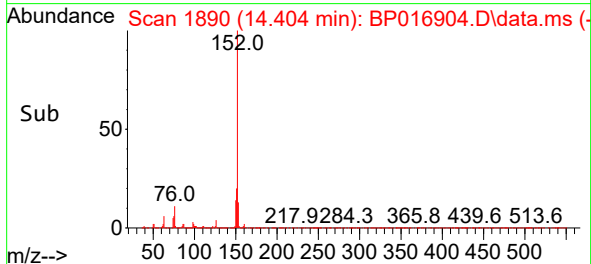
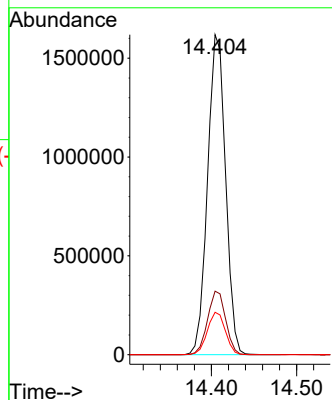
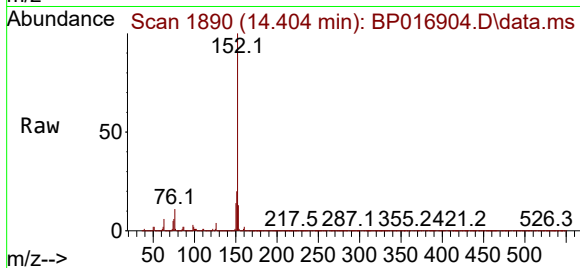
Tgt Ion:152 Resp: 2373183

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

153 13.3 10.6 15.8



#51

3-Nitroaniline

Concen: 22.819 ng/ul

RT: 14.622 min Scan# 1927

Delta R.T. 0.006 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

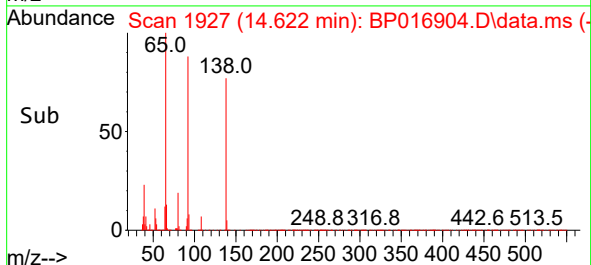
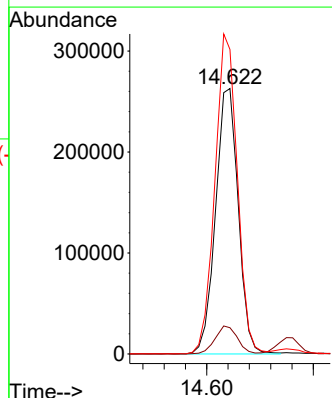
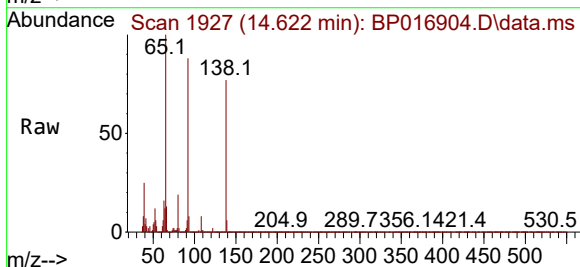
Tgt Ion:138 Resp: 388798

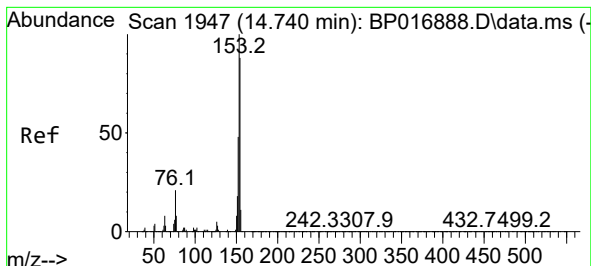
Ion Ratio Lower Upper

138 100

108 9.9 8.2 12.4

92 114.7 95.4 143.0





#52

Acenaphthene

Concen: 21.700 ng/ul

RT: 14.739 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Instrument :

BNA_P

ClientSampleId :

SSTD020715

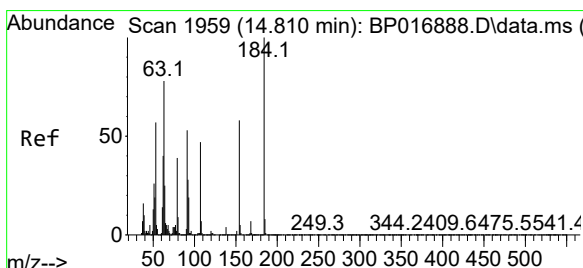
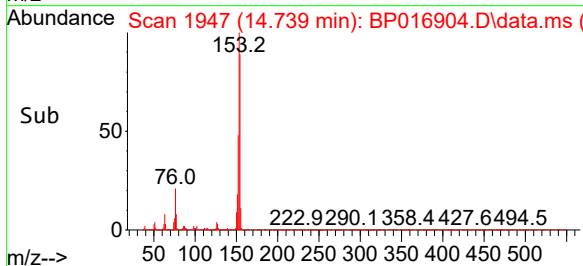
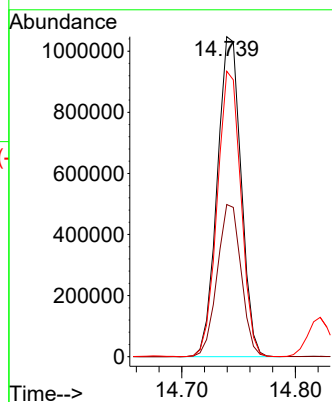
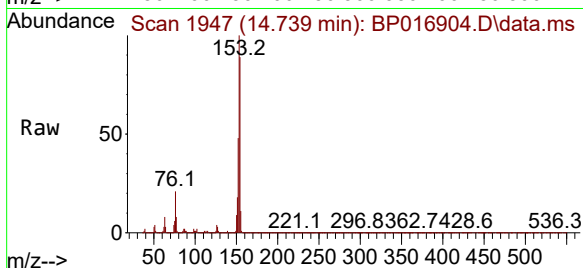
Tgt Ion:153 Resp: 1531591

Ion Ratio Lower Upper

153 100

152 47.6 38.5 57.7

154 89.2 70.6 105.8



#53

2,4-Dinitrophenol

Concen: 24.636 ng/ul

RT: 14.822 min Scan# 1961

Delta R.T. 0.006 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

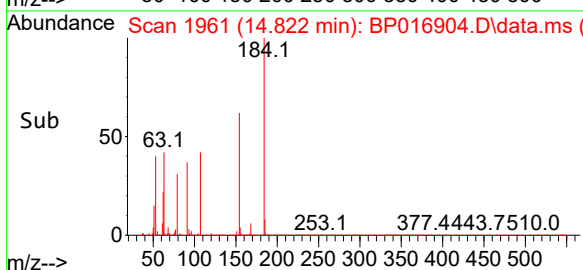
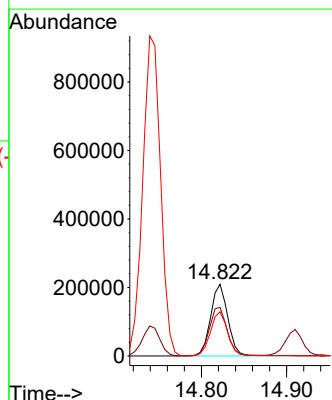
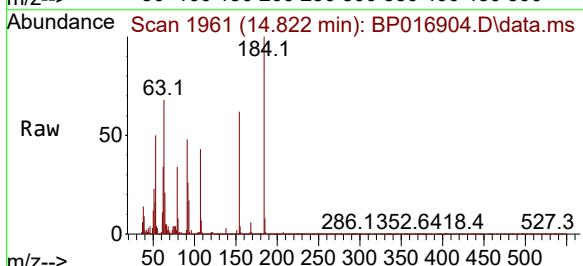
Tgt Ion:184 Resp: 292921

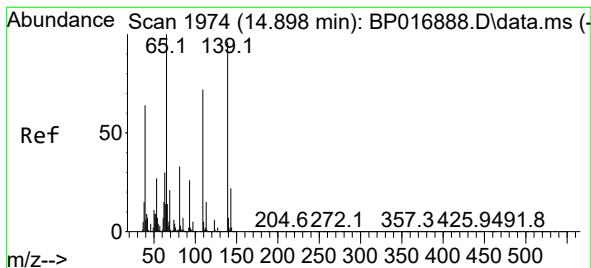
Ion Ratio Lower Upper

184 100

63 67.9 55.3 82.9

154 61.5 50.3 75.5

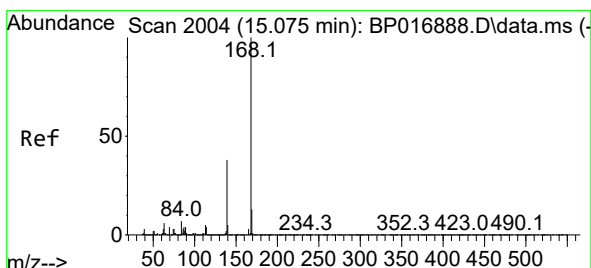
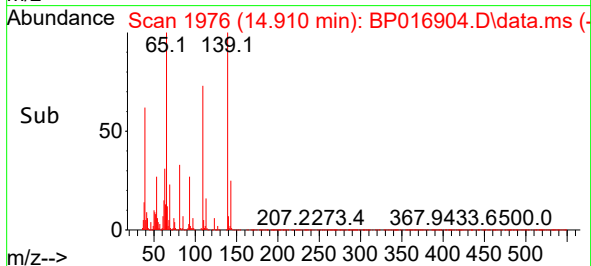
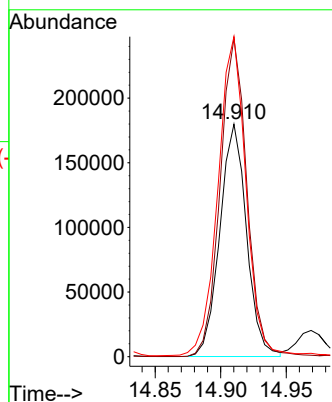
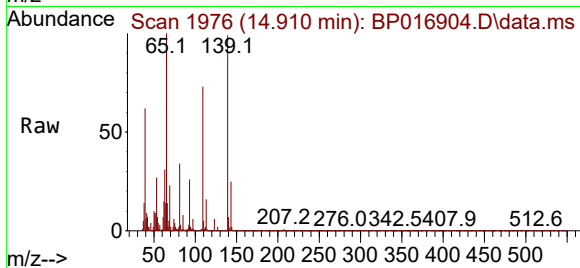




#55
4-Nitrophenol
Concen: 19.744 ng/ul
RT: 14.910 min Scan# 1976
Delta R.T. 0.012 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

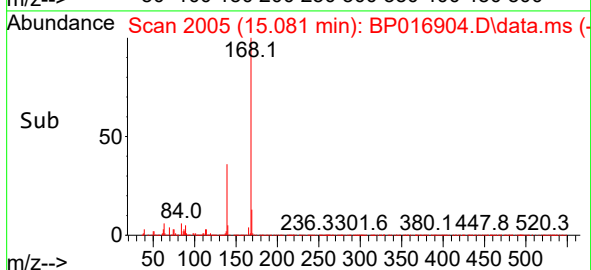
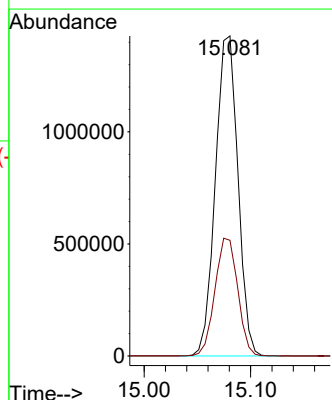
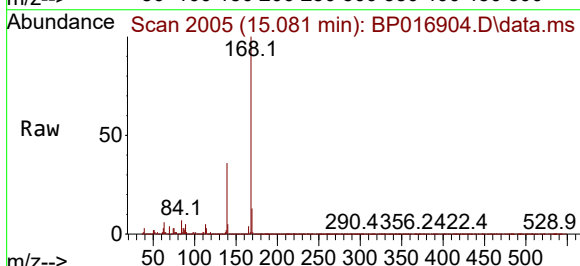
Instrument :
BNA_P
ClientSampleId :
SSTD020715

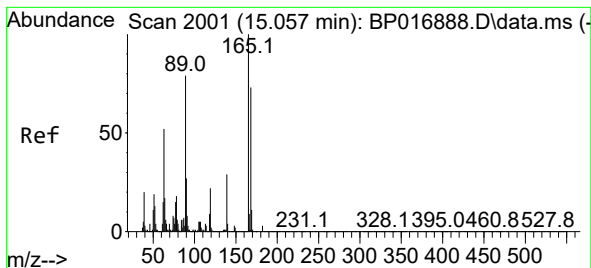
Tgt Ion:109 Resp: 254109
Ion Ratio Lower Upper
109 100
139 136.9 108.6 163.0
65 137.7 107.8 161.6



#56
Dibenzofuran
Concen: 21.653 ng/ul
RT: 15.081 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

Tgt Ion:168 Resp: 2096926
Ion Ratio Lower Upper
168 100
139 36.1 29.2 43.8





#57

2,4-Dinitrotoluene

Concen: 22.129 ng/ul

RT: 15.063 min Scan# 2001

Delta R.T. 0.000 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Instrument :

BNP_P

ClientSampleId :

SSTD020715

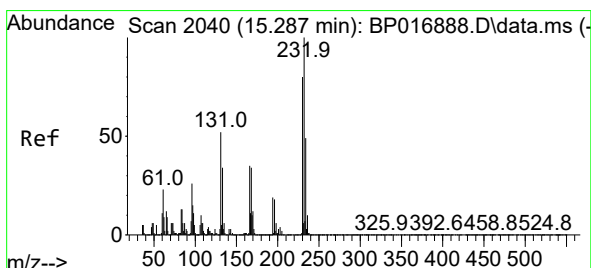
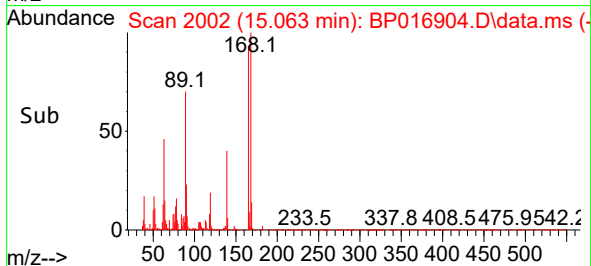
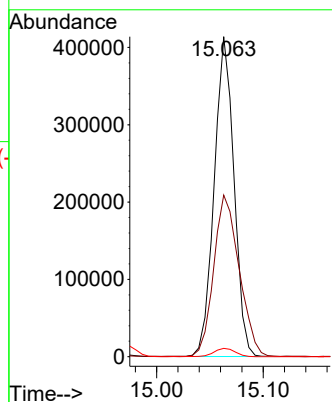
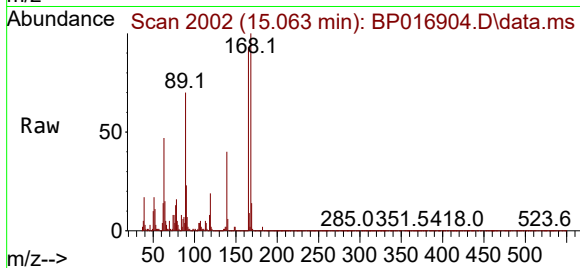
Tgt Ion:165 Resp: 532965

Ion Ratio Lower Upper

165 100

63 50.5 39.0 58.4

182 2.6 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.040 ng/ul

RT: 15.292 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Tgt Ion:232 Resp: 422502

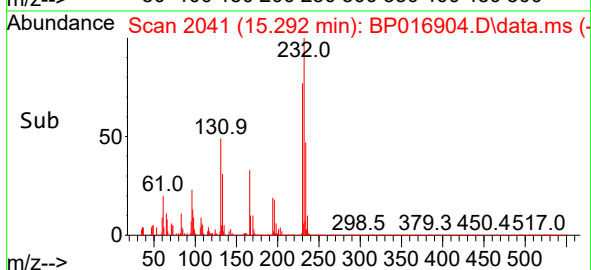
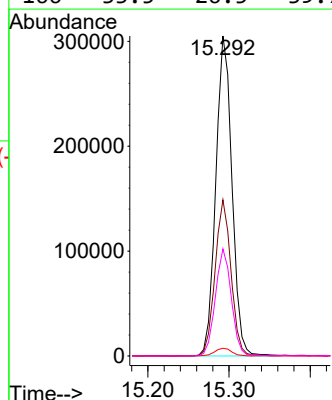
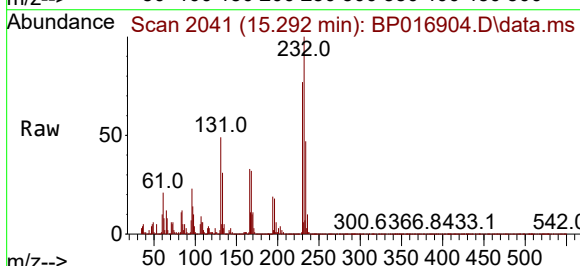
Ion Ratio Lower Upper

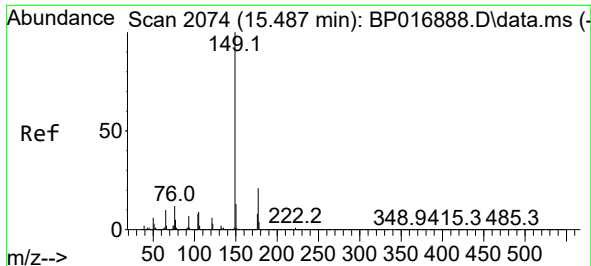
232 100

131 48.8 38.1 57.1

130 2.4 1.9 2.9

166 33.5 26.5 39.7

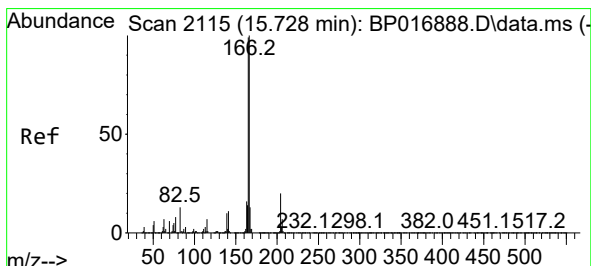
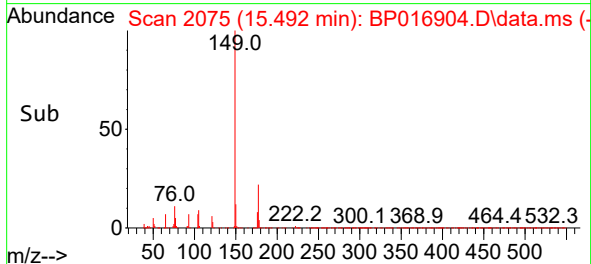
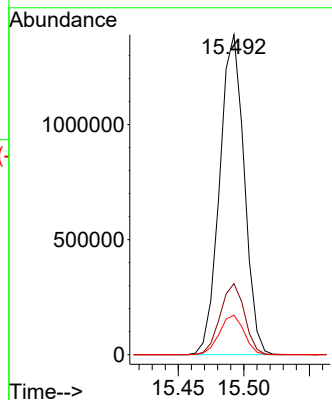
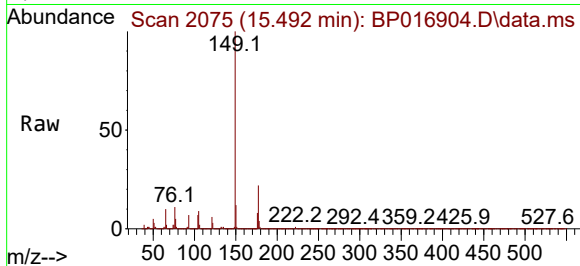




#59
Diethylphthalate
Concen: 21.332 ng/ul
RT: 15.492 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

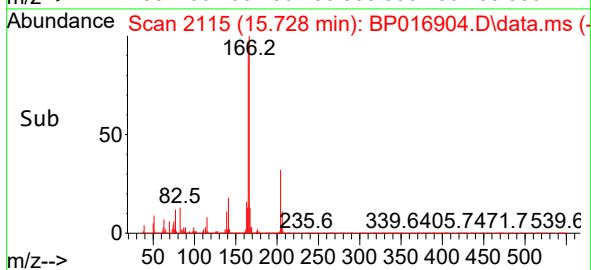
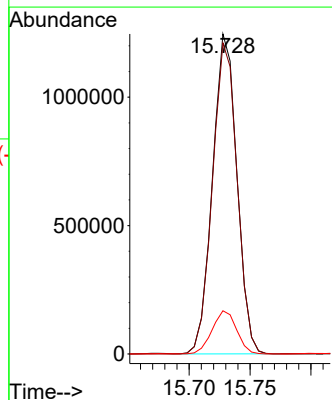
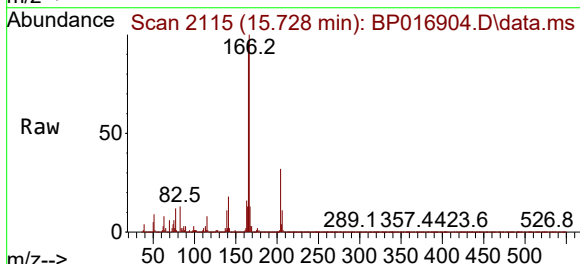
Instrument :
BNA_P
ClientSampleId :
SSTD020715

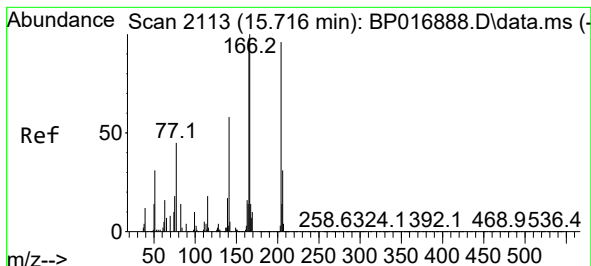
Tgt Ion:149 Resp: 1809582
Ion Ratio Lower Upper
149 100
177 22.2 17.3 25.9
150 12.4 10.2 15.2



#61
Fluorene
Concen: 21.423 ng/ul
RT: 15.728 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

Tgt Ion:166 Resp: 1735286
Ion Ratio Lower Upper
166 100
165 97.2 78.8 118.2
167 13.5 10.9 16.3

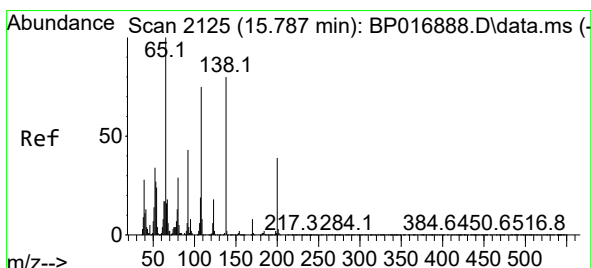
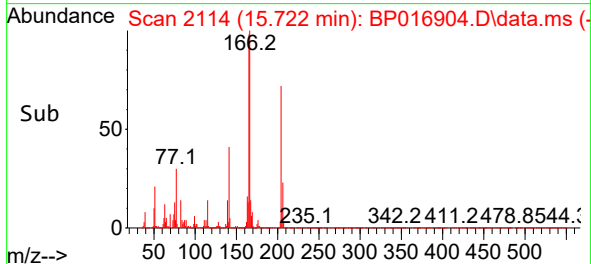
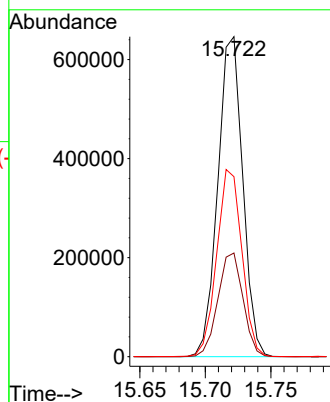
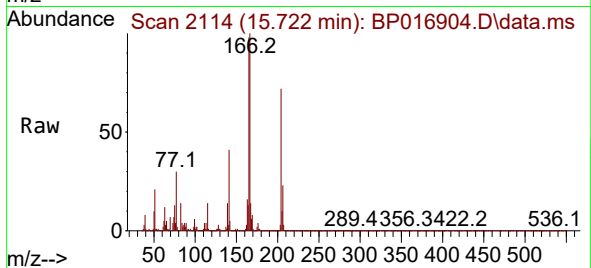




#62
4-Chlorophenyl-phenylether
Concen: 21.463 ng/ul
RT: 15.722 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

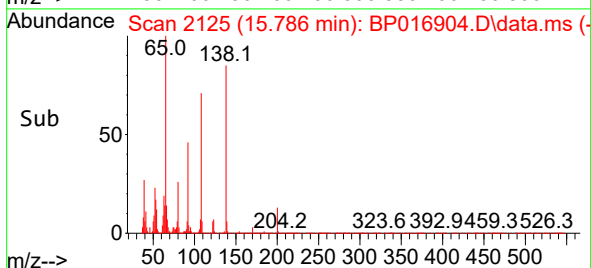
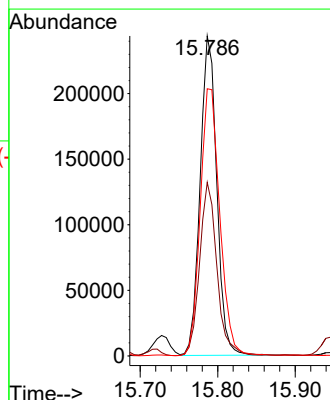
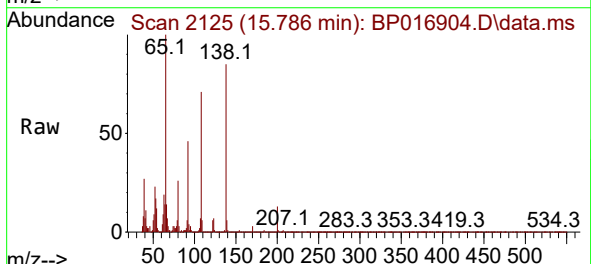
Instrument :
BNA_P
ClientSampleId :
SSTD020715

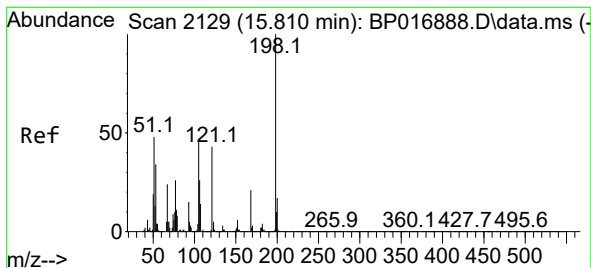
Tgt Ion:204 Resp: 853586
Ion Ratio Lower Upper
204 100
206 32.4 26.7 40.1
141 56.2 46.8 70.2



#63
4-Nitroaniline
Concen: 22.364 ng/ul
RT: 15.786 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

Tgt Ion:138 Resp: 362588
Ion Ratio Lower Upper
138 100
92 54.2 41.6 62.4
108 83.5 74.9 112.3

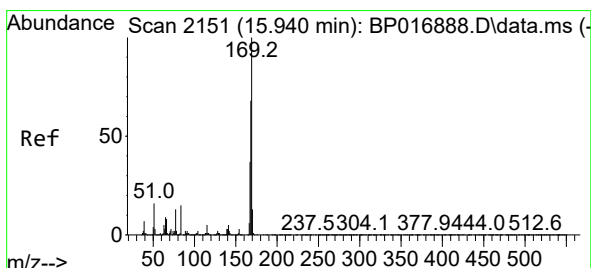
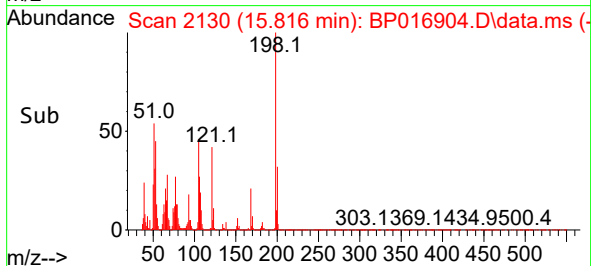
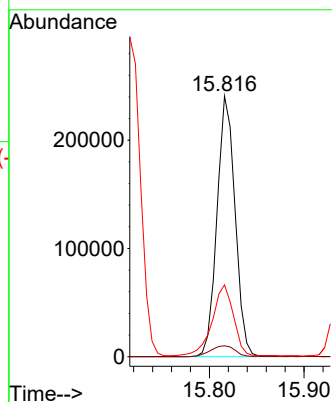
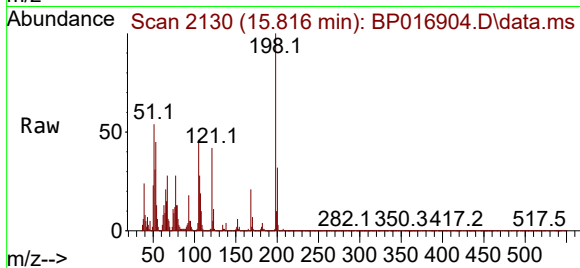




#66
4,6-Dinitro-2-methylphenol
Concen: 21.525 ng/ul
RT: 15.816 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

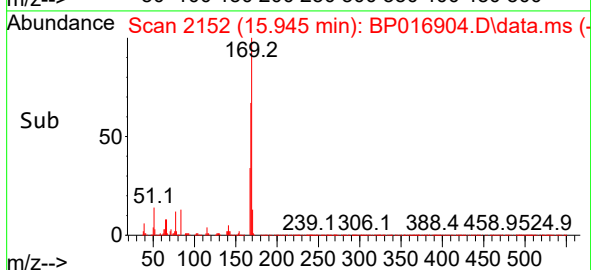
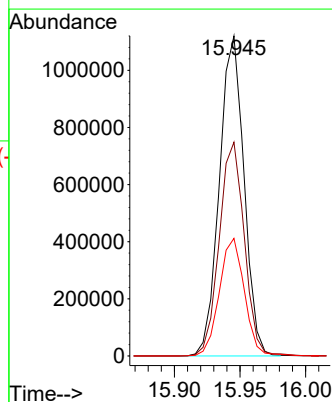
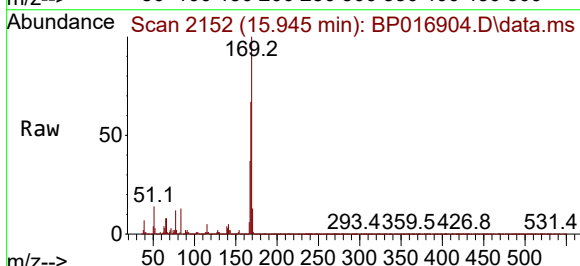
Instrument :
BNA_P
ClientSampleId :
SSTD020715

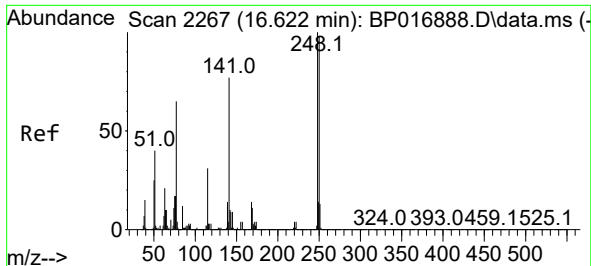
Tgt Ion:198 Resp: 320154
Ion Ratio Lower Upper
198 100
182 4.2 3.2 4.8
77 27.6 20.7 31.1



#67
N-Nitrosodiphenylamine
Concen: 22.778 ng/ul
RT: 15.945 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

Tgt Ion:169 Resp: 1459432
Ion Ratio Lower Upper
169 100
168 66.8 54.2 81.2
167 36.7 29.4 44.2

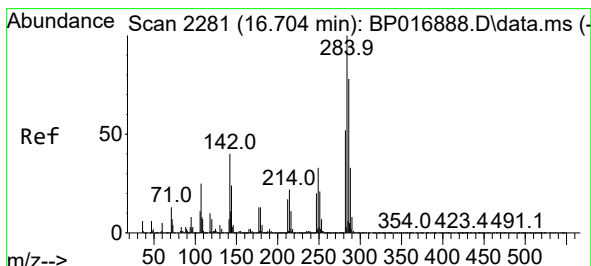
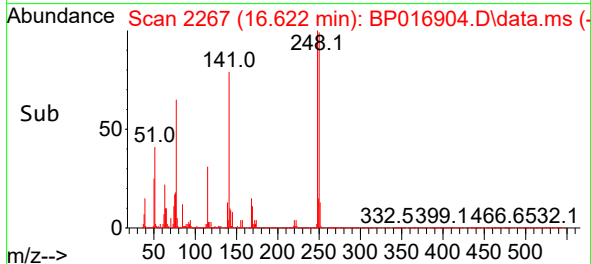
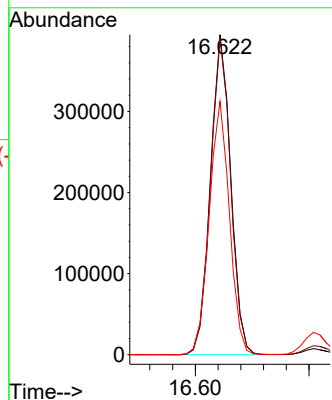
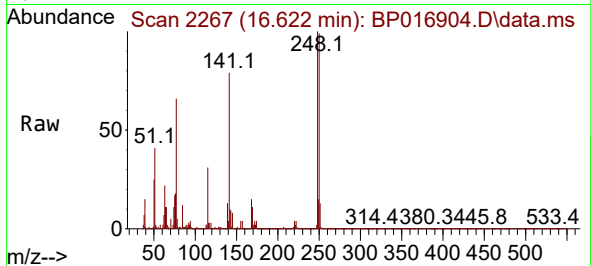




#68
4-Bromophenyl-phenylether
Concen: 22.131 ng/ul
RT: 16.622 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

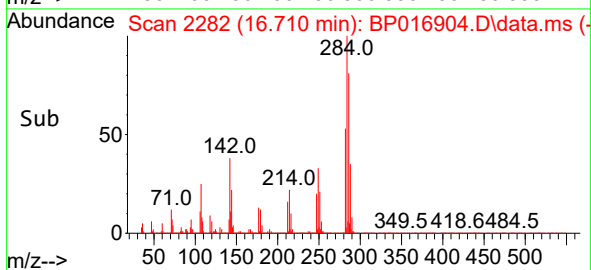
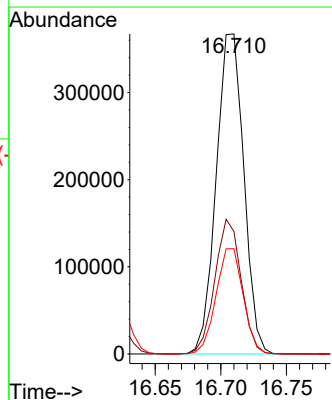
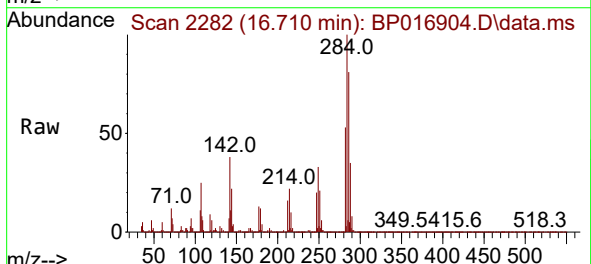
Instrument :
BNA_P
ClientSampleId :
SSTD020715

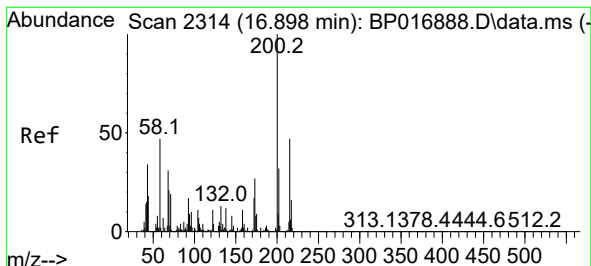
Tgt Ion:248 Resp: 491537
Ion Ratio Lower Upper
248 100
250 98.9 75.4 113.2
141 79.2 58.7 88.1



#69
Hexachlorobenzene
Concen: 21.621 ng/ul
RT: 16.710 min Scan# 2282
Delta R.T. 0.006 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

Tgt Ion:284 Resp: 537668
Ion Ratio Lower Upper
284 100
142 38.3 29.8 44.8
249 32.9 25.9 38.9





#70

Atrazine

Concen: 22.609 ng/ul

RT: 16.898 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Instrument :

BNA_P

ClientSampleId :

SSTD020715

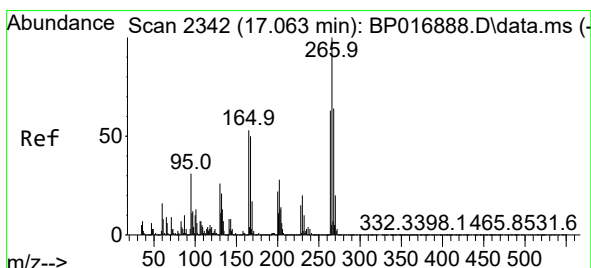
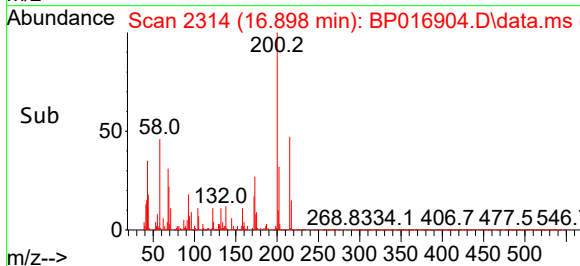
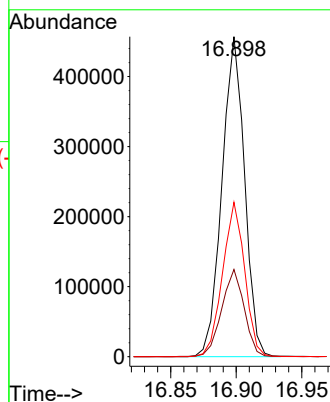
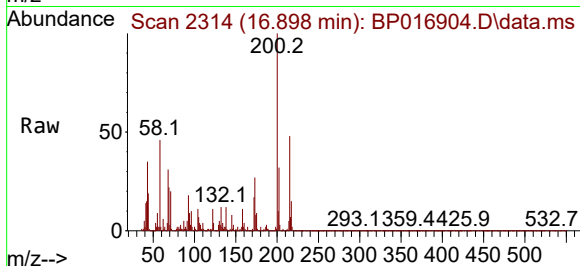
Tgt Ion:200 Resp: 546145

Ion Ratio Lower Upper

200 100

173 27.2 21.4 32.2

215 48.3 37.3 55.9



#71

Pentachlorophenol

Concen: 22.473 ng/ul

RT: 17.075 min Scan# 2344

Delta R.T. 0.006 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

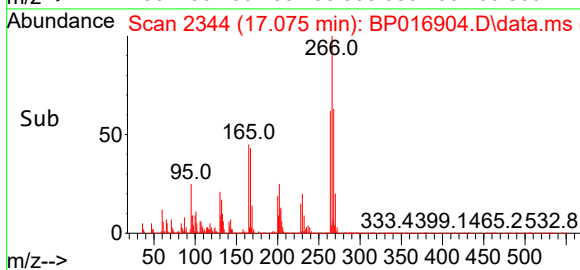
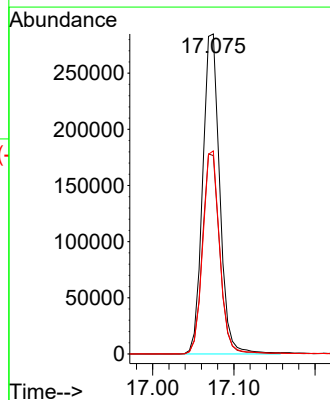
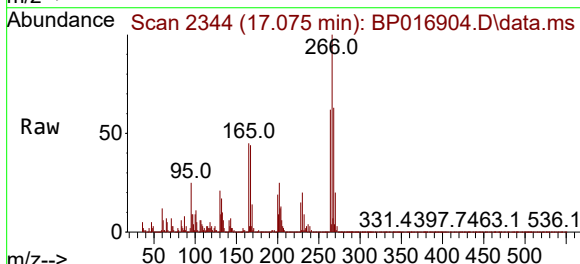
Tgt Ion:266 Resp: 414843

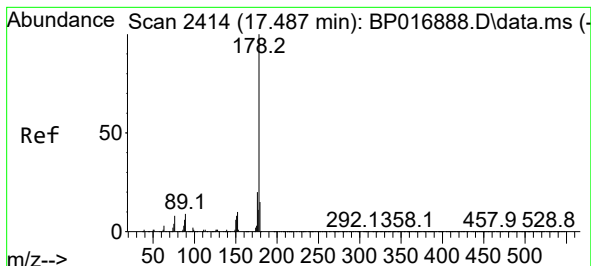
Ion Ratio Lower Upper

266 100

264 62.0 50.7 76.1

268 63.5 50.8 76.2





#72

Phenanthrene

Concen: 21.844 ng/ul

RT: 17.492 min Scan# 2415

Delta R.T. 0.006 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Instrument :

BNA_P

ClientSampleId :

SSTD020715

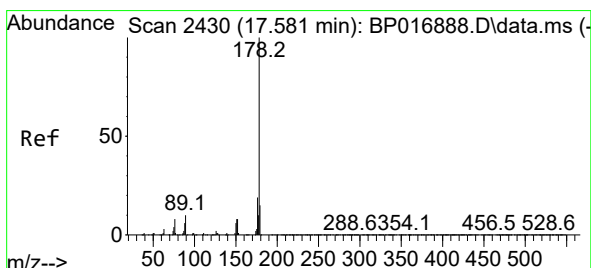
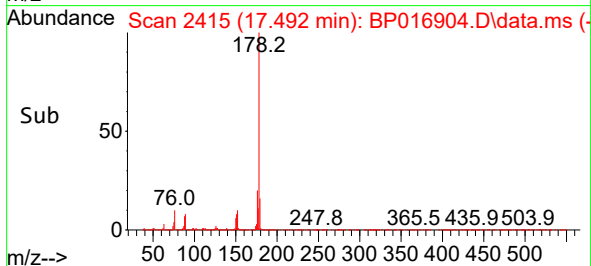
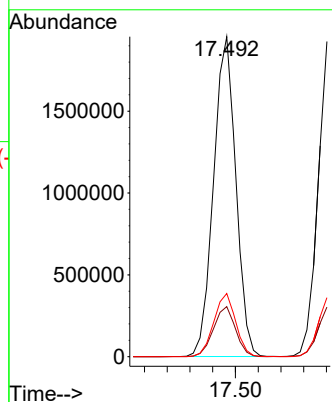
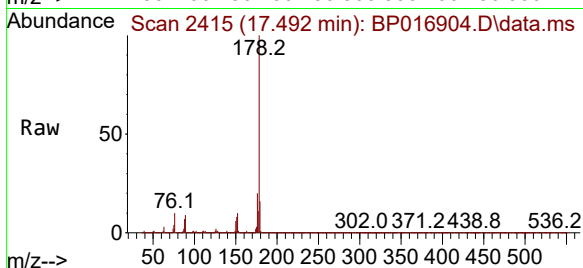
Tgt Ion:178 Resp: 2664058

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.8 15.6 23.4



#74

Anthracene

Concen: 22.169 ng/ul

RT: 17.586 min Scan# 2431

Delta R.T. 0.006 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

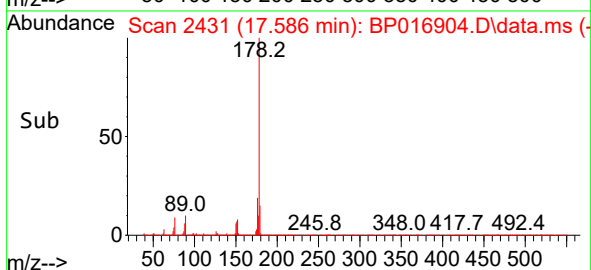
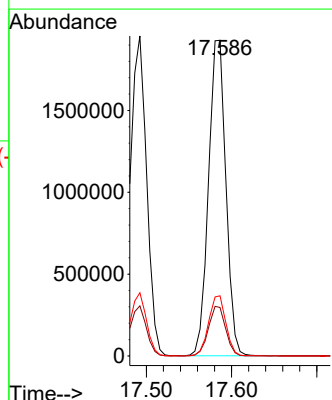
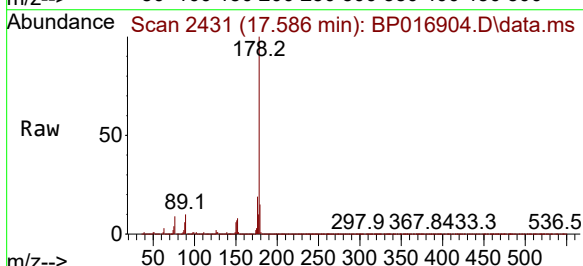
Tgt Ion:178 Resp: 2733808

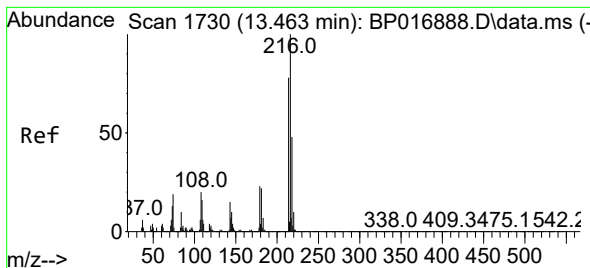
Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 19.0 15.3 22.9





#75

1,2,3,4-Tetrachlorobenzene

Concen: 23.270 ng/uL

RT: 13.463 min Scan# 1730

Delta R.T. -0.006 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Instrument :

BNA_P

ClientSampleId :

SSTD020715

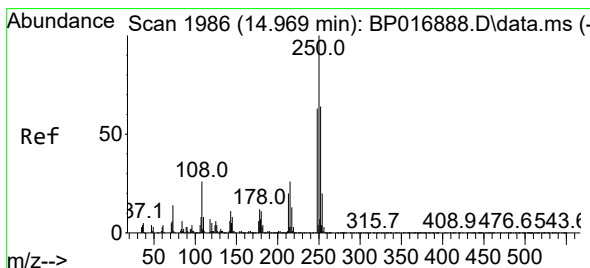
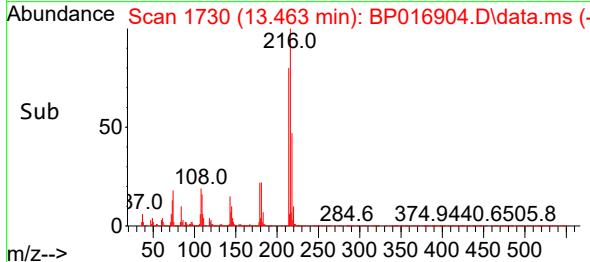
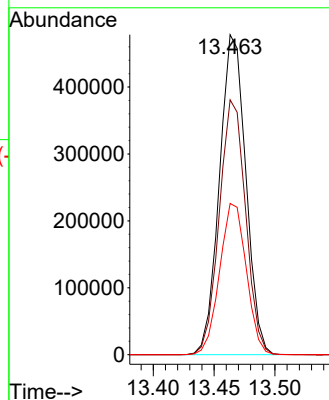
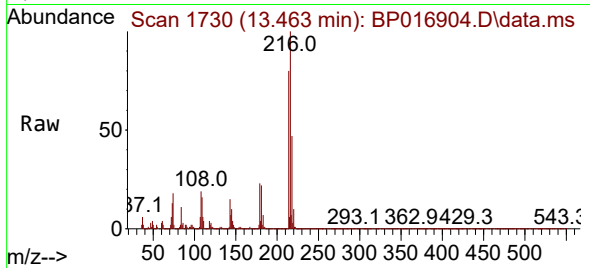
Tgt Ion:216 Resp: 721805

Ion Ratio Lower Upper

216 100

214 79.7 64.0 96.0

218 47.2 38.2 57.2



#76

Pentachlorobenzene

Concen: 22.609 ng/uL

RT: 14.969 min Scan# 1986

Delta R.T. 0.000 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

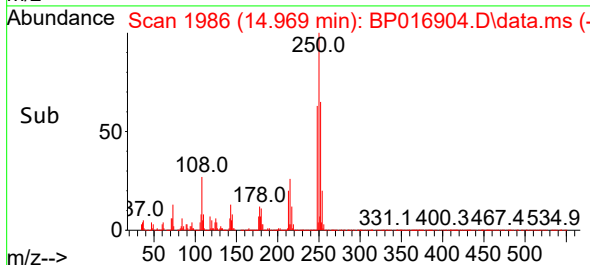
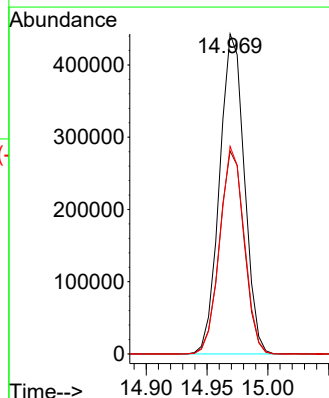
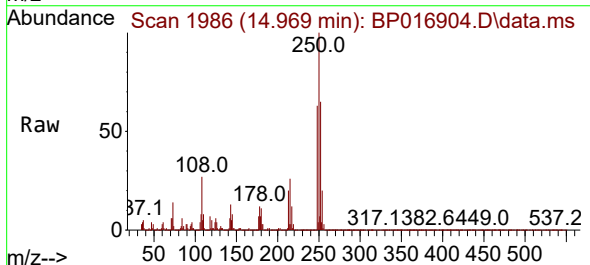
Tgt Ion:250 Resp: 626714

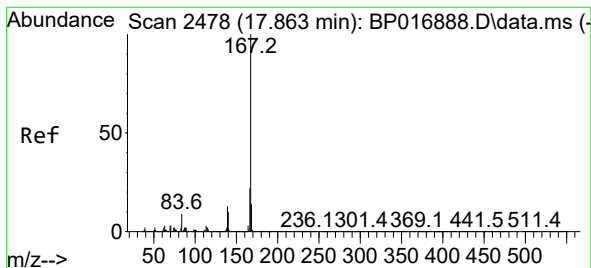
Ion Ratio Lower Upper

250 100

248 63.4 50.9 76.3

252 64.9 52.2 78.4





#77

Carbazole

Concen: 21.799 ng/ul

RT: 17.863 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Instrument :

BNA_P

ClientSampleId :

SSTD020715

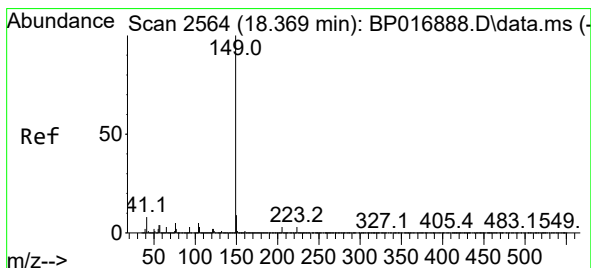
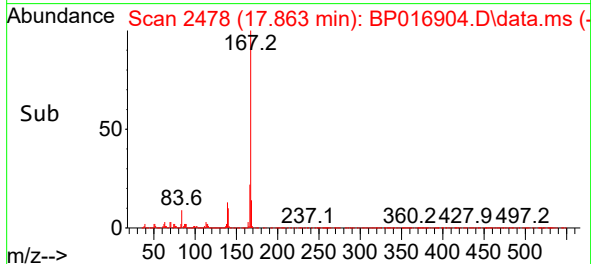
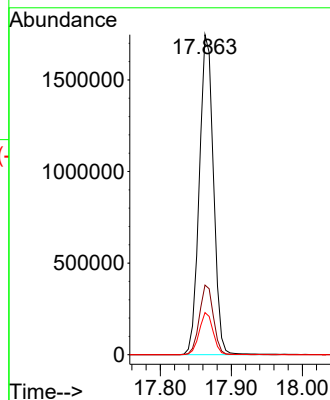
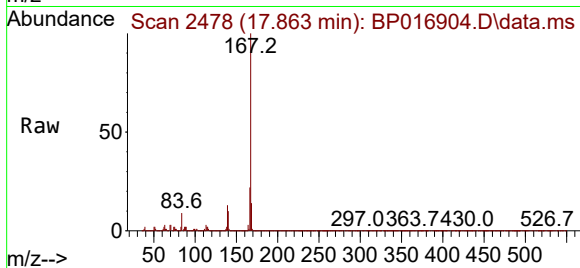
Tgt Ion:167 Resp: 2420936

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.1 10.4 15.6



#78

Di-n-butylphthalate

Concen: 23.003 ng/ul

RT: 18.375 min Scan# 2565

Delta R.T. 0.000 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

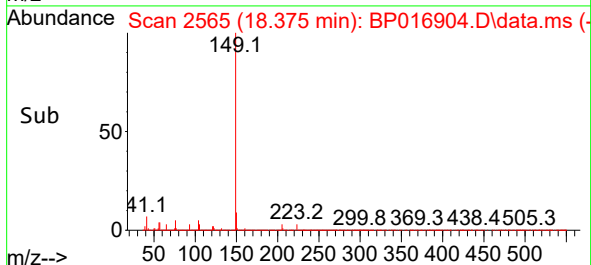
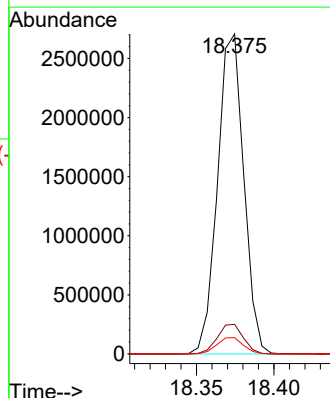
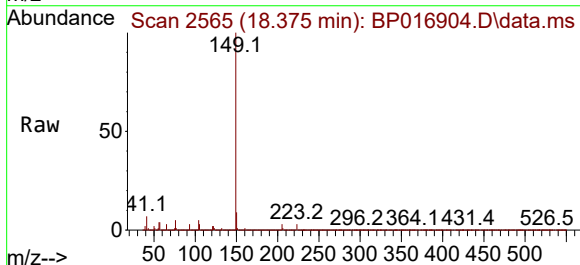
Tgt Ion:149 Resp: 3187327

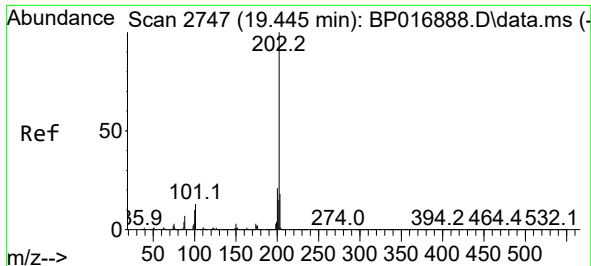
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.1 4.1 6.1

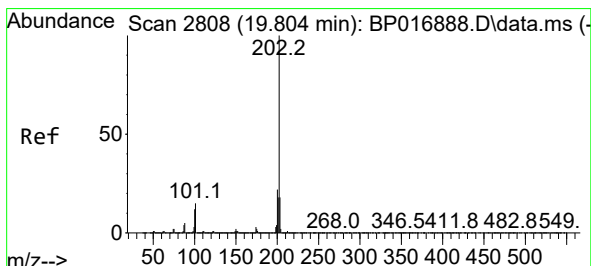
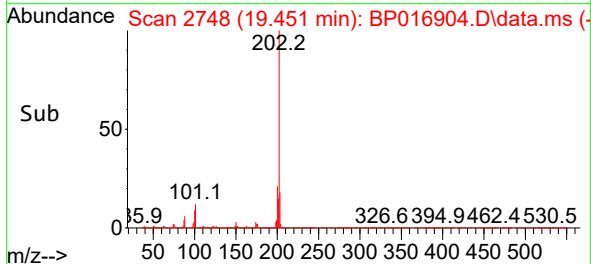
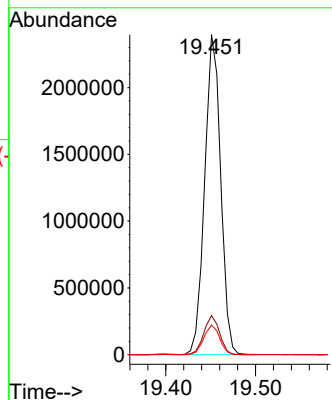
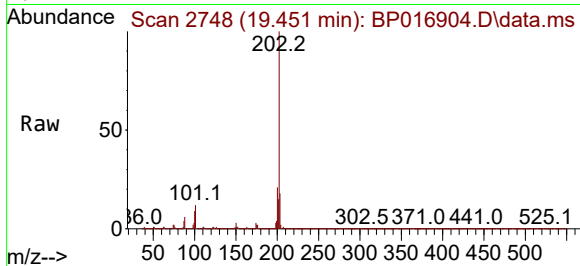




#80
Fluoranthene
Concen: 26.929 ng/ul
RT: 19.451 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

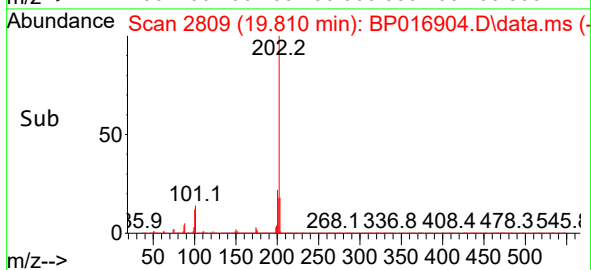
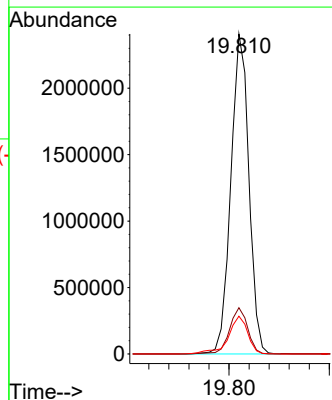
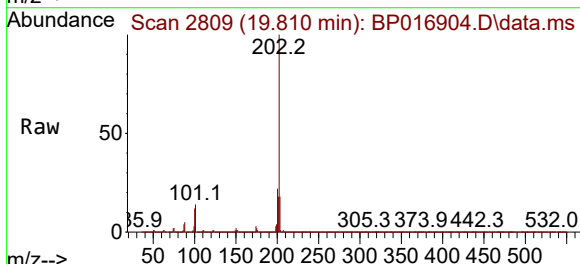
Instrument :
BNA_P
ClientSampleId :
SSTD020715

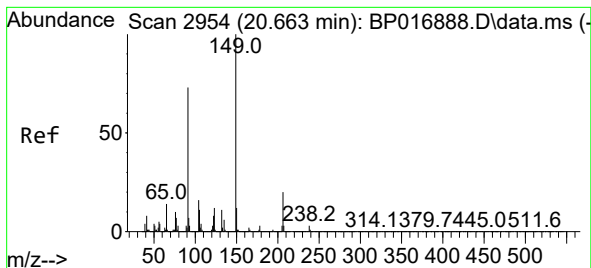
Tgt Ion:202 Resp: 2965627
Ion Ratio Lower Upper
202 100
101 12.2 9.7 14.5
100 9.2 7.4 11.2



#82
Pyrene
Concen: 26.476 ng/ul
RT: 19.810 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BP016904.D
Acq: 01 Sep 2023 12:32

Tgt Ion:202 Resp: 3011828
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.2
100 11.8 9.4 14.2





#83

Butylbenzylphthalate

Concen: 27.281 ng/ul

RT: 20.663 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Instrument :

BNA_P

ClientSampleId :

SSTD020715

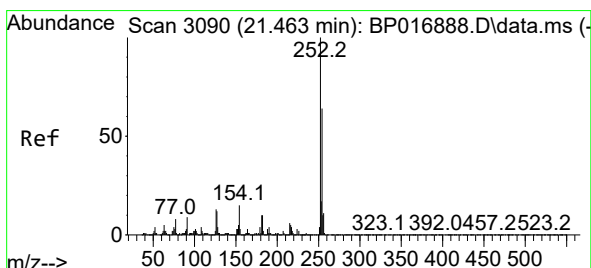
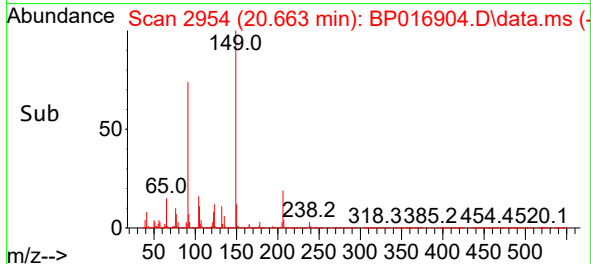
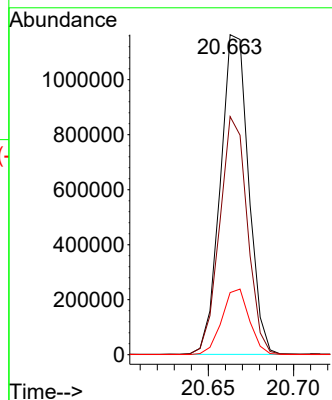
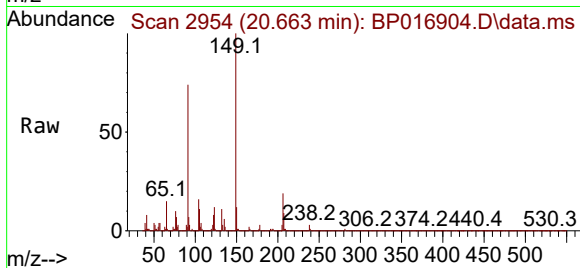
Tgt Ion:149 Resp: 1338415

Ion Ratio Lower Upper

149 100

91 74.4 58.5 87.7

206 19.4 16.1 24.1



#84

3,3'-Dichlorobenzidine

Concen: 20.421 ng/ul

RT: 21.469 min Scan# 3091

Delta R.T. 0.006 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

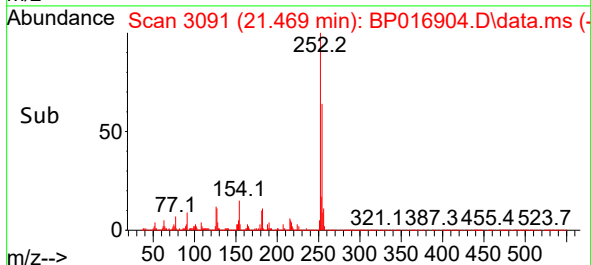
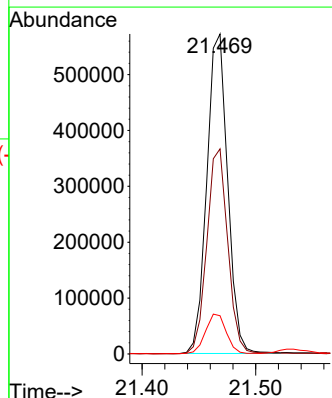
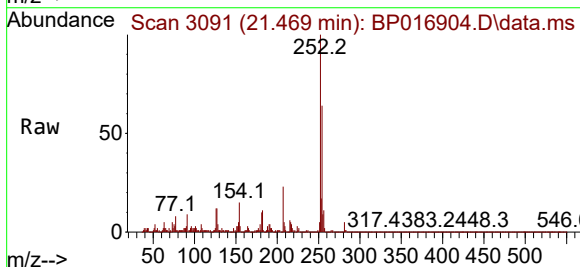
Tgt Ion:252 Resp: 728596

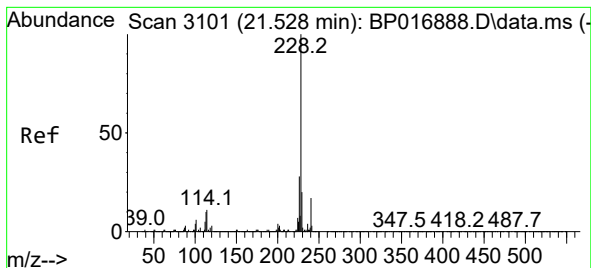
Ion Ratio Lower Upper

252 100

254 64.1 52.1 78.1

126 11.9 9.6 14.4





#85

Benzo(a)anthracene

Concen: 22.270 ng/ul

RT: 21.533 min Scan# 3101

Delta R.T. 0.006 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Instrument :

BNA_P

ClientSampleId :

SSTD020715

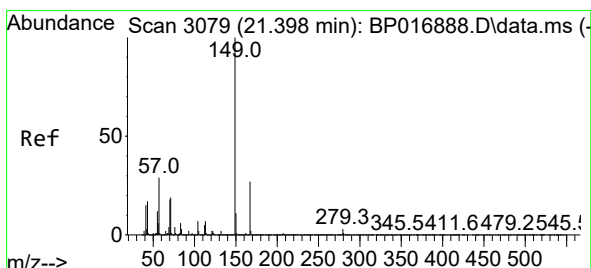
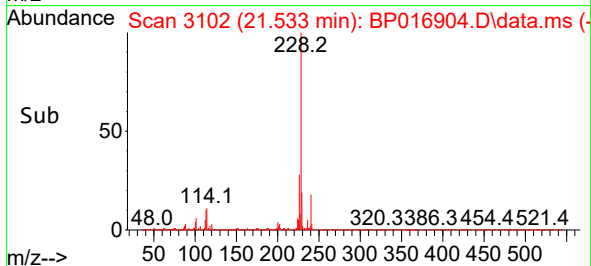
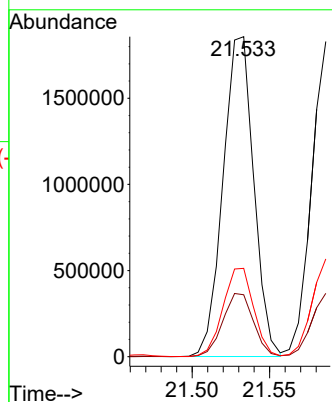
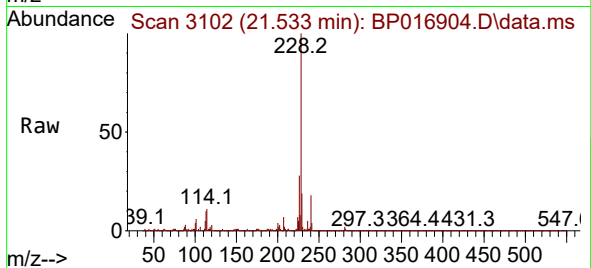
Tgt Ion:228 Resp: 2560584

Ion Ratio Lower Upper

228 100

229 19.4 16.2 24.4

226 27.6 22.9 34.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 26.381 ng/ul

RT: 21.404 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

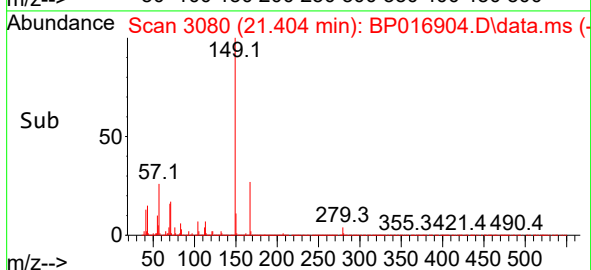
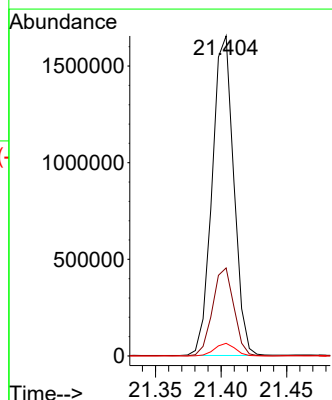
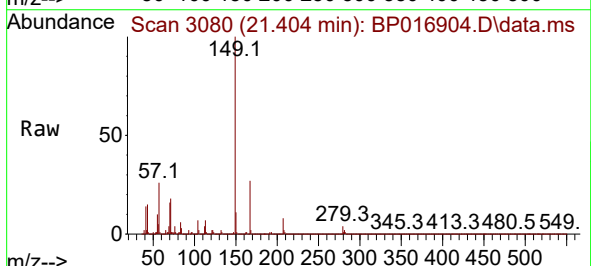
Tgt Ion:149 Resp: 1889844

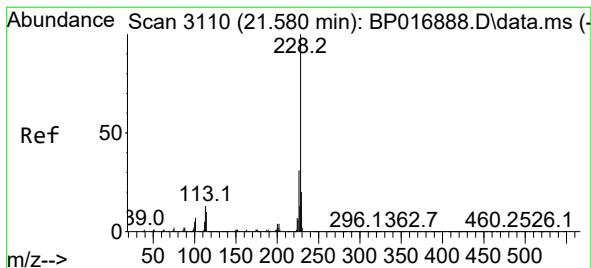
Ion Ratio Lower Upper

149 100

167 27.5 22.1 33.1

279 3.9 3.0 4.4





#87

Chrysene

Concen: 22.252 ng/ul

RT: 21.586 min Scan# 3110

Delta R.T. 0.006 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Instrument :

BNA_P

ClientSampleId :

SSTD020715

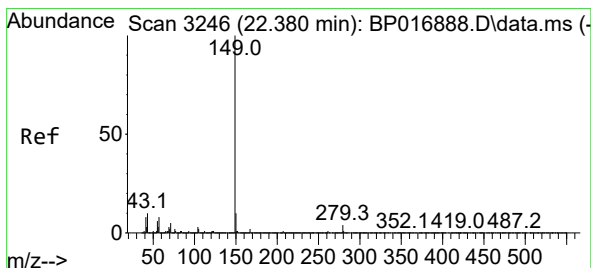
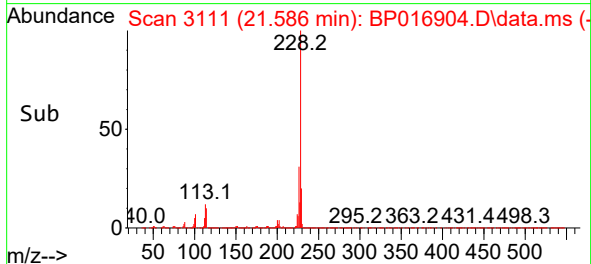
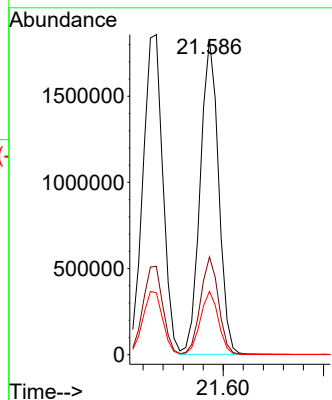
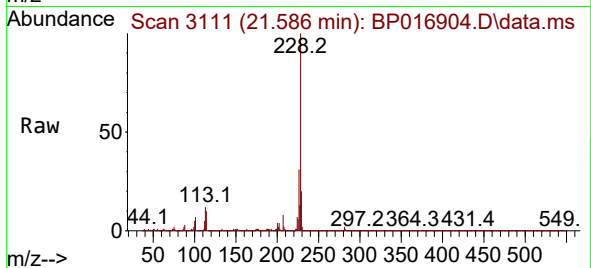
Tgt Ion:228 Resp: 2324024

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.4

229 20.1 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 24.837 ng/ul

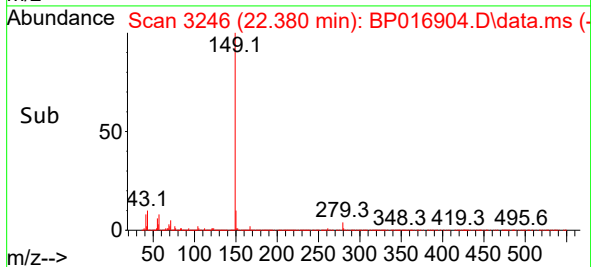
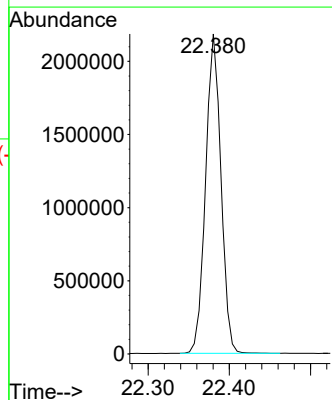
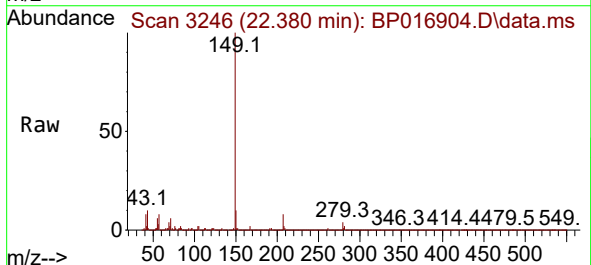
RT: 22.380 min Scan# 3246

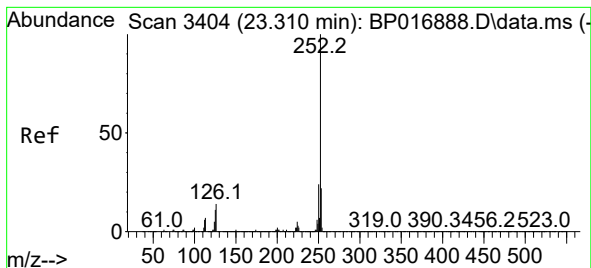
Delta R.T. 0.000 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Tgt Ion:149 Resp: 2857724





#90

Benzo(b)fluoranthene

Concen: 21.082 ng/ul

RT: 23.316 min Scan# 3404

Delta R.T. 0.006 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Instrument :

BNA_P

ClientSampleId :

SSTD020715

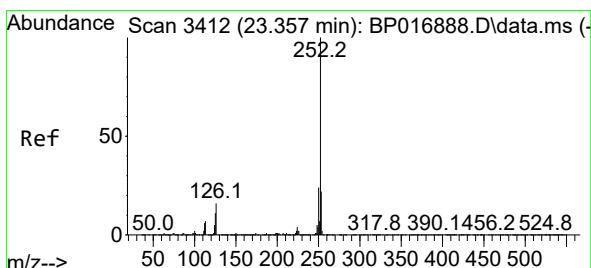
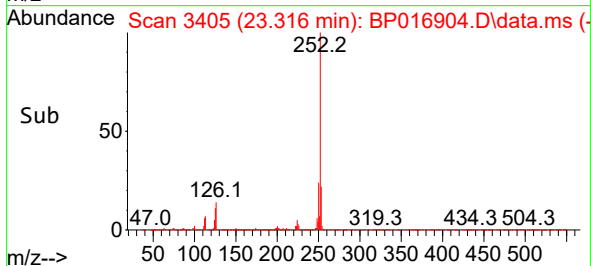
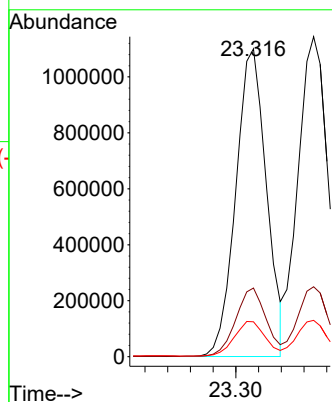
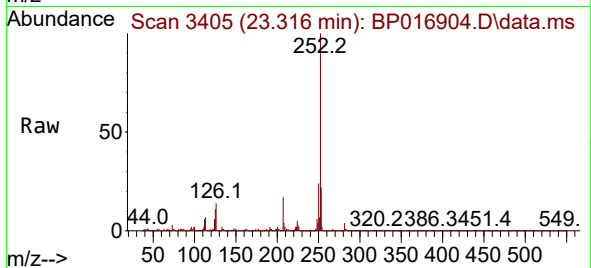
Tgt Ion:252 Resp: 2056881

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.3 9.0 13.4



#91

Benzo(k)fluoranthene

Concen: 21.808 ng/ul

RT: 23.368 min Scan# 3414

Delta R.T. 0.006 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

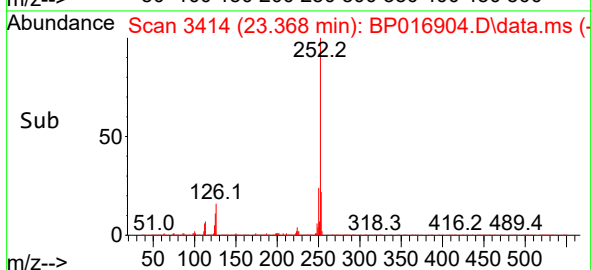
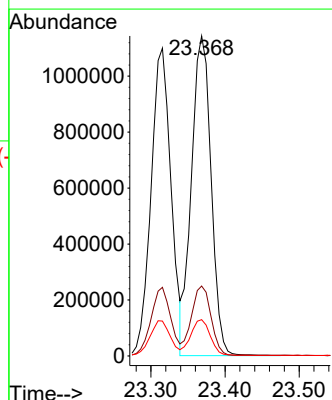
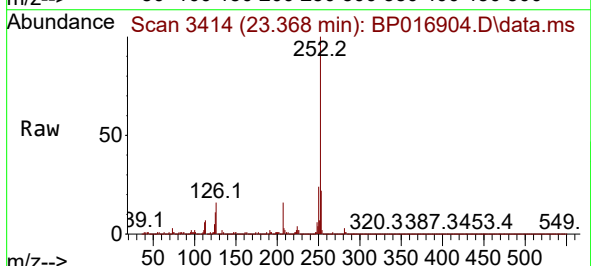
Tgt Ion:252 Resp: 2104369

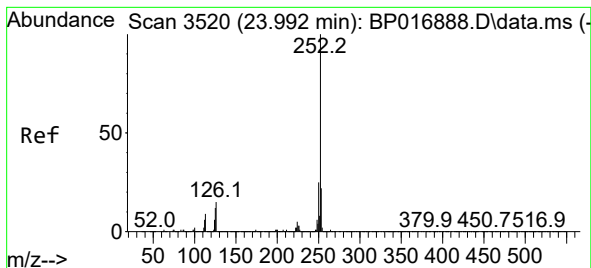
Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

125 11.4 8.9 13.3





#93

Benzo(a)pyrene

Concen: 21.856 ng/ul

RT: 23.998 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Instrument :

BNA_P

ClientSampleId :

SSTD020715

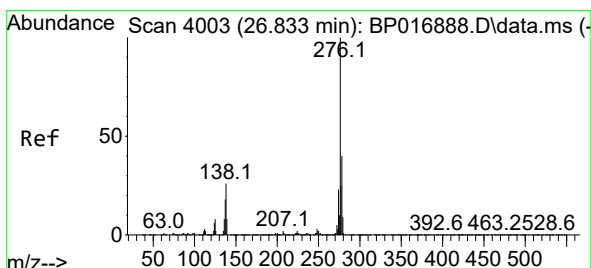
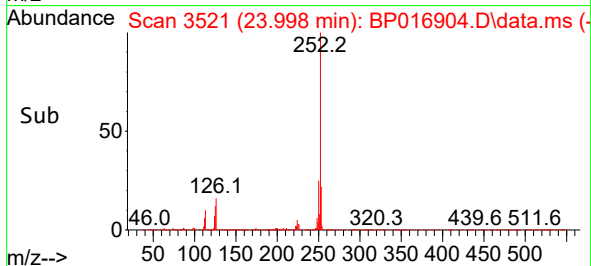
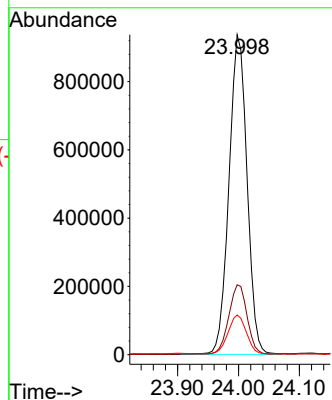
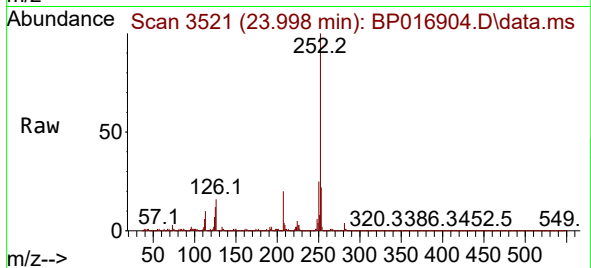
Tgt Ion:252 Resp: 1928825

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 12.4 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 23.545 ng/ul

RT: 26.845 min Scan# 4005

Delta R.T. 0.012 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

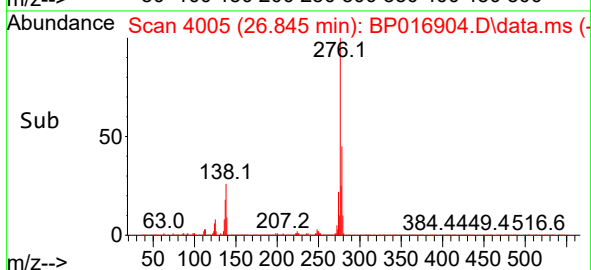
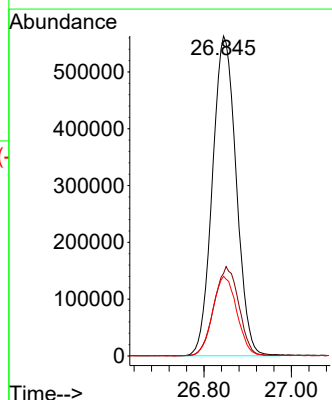
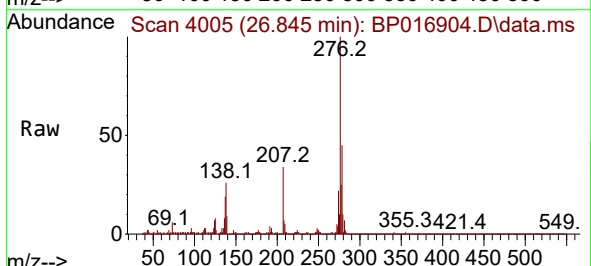
Tgt Ion:276 Resp: 2123339

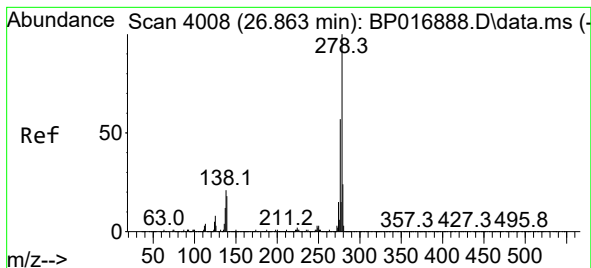
Ion Ratio Lower Upper

276 100

138 25.8 20.9 31.3

277 24.9 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 23.272 ng/ul

RT: 26.868 min Scan# 4008

Delta R.T. 0.006 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Instrument :

BNA_P

ClientSampleId :

SSTD020715

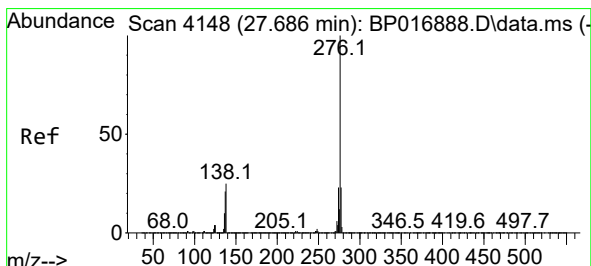
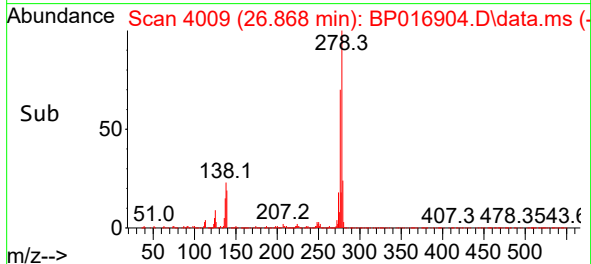
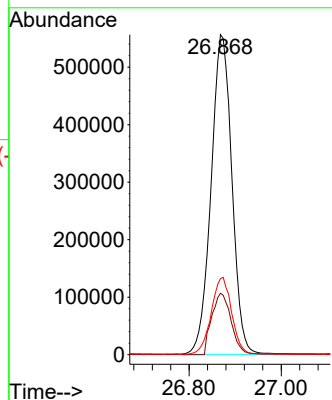
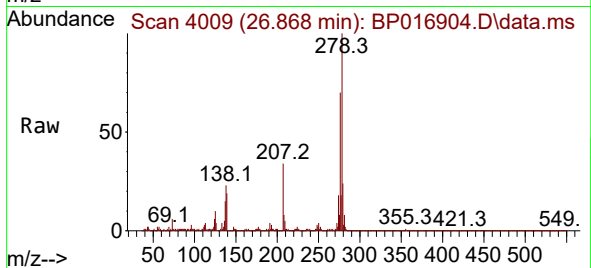
Tgt Ion:278 Resp: 1743103

Ion Ratio Lower Upper

278 100

139 19.2 15.0 22.6

279 23.8 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 24.532 ng/ul

RT: 27.703 min Scan# 4151

Delta R.T. 0.018 min

Lab File: BP016904.D

Acq: 01 Sep 2023 12:32

Tgt Ion:276 Resp: 1677223

Ion Ratio Lower Upper

276 100

138 24.6 20.2 30.4

277 23.7 19.3 28.9

