

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090523\
 Data File : BP016954.D
 Acq On : 05 Sep 2023 14:24
 Operator : MA/JU
 Sample : SSTD16042
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160601

Quant Time: Sep 06 01:20:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 06 01:15:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	423193	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1724654	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	1003807	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.416	188	1978226	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	1221797	20.000	ng/u1	0.00
88) Perylene-d12	24.063	264	1071641	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	702672	62.806	ng/uL	0.00
4) Pyridine-d5	3.764	84	5016085	156.909	ng/u1	0.00
7) Phenol-d5	7.152	99	6027144	155.890	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.334	67	3607972	149.190	ng/u1	0.01
11) 2-Chlorophenol-d4	7.516	132	4512228	161.255	ng/u1	0.01
15) 4-Methylphenol-d8	8.716	113	4525621	153.647	ng/u1	0.02
21) Nitrobenzene-d5	9.199	128	2268120	169.515	ng/u1	0.02
24) 2-Nitrophenol-d4	9.910	143	2568870	177.113	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.434	165	4410163	164.698	ng/u1	0.01
31) 4-Chloroaniline-d4	10.987	131	5644645	146.109	ng/u1	0.02
46) Dimethylphthalate-d6	14.069	166	11181516	149.644	ng/u1	0.02
49) Acenaphthylene-d8	14.351	160	13035259	151.164	ng/u1	0.01
54) 4-Nitrophenol-d4	14.892	143	2296252	157.324	ng/u1	0.04
60) Fluorene-d10	15.645	176	9490030	148.340	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.792	200	2151727	180.744	ng/u1	0.03
73) Anthracene-d10	17.522	188	13642785	150.171	ng/u1	0.01
81) Pyrene-d10	19.757	212	13416525	180.282	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.904	264	9227622	169.730	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	758458	62.789	ng/uL	98
5) Pyridine	3.787	79	5190106	152.508	ng/u1	97
6) Benzaldehyde	7.146	77	2171650	123.929	ng/u1	97
8) Phenol	7.181	94	6183550	153.936	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.434	93	4795133	149.692	ng/u1	97
12) 2-Chlorophenol	7.546	128	4685909	157.190	ng/u1	98
13) 2-Methylphenol	8.434	108	4547214	154.326	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.505	45	3385635	75.034	ng/u1	99
16) Acetophenone	8.858	105	6790129	142.856	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.846	70	3501064	137.886	ng/u1	92
18) 4-Methylphenol	8.793	108	4884502	152.005	ng/u1	97
19) Hexachloroethane	9.057	117	1967488	159.319	ng/u1	90
22) Nitrobenzene	9.246	77	5516462	154.409	ng/u1	96
23) Isophorone	9.775	82	10306627	153.555	ng/u1	98
25) 2-Nitrophenol	9.946	139	2702856	169.257	ng/u1	96
26) 2,4-Dimethylphenol	9.987	107	5114476	156.861	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.246	93	6262731	150.558	ng/u1	99
29) 2,4-Dichlorophenol	10.469	162	4384065	160.652	ng/u1	99
30) Naphthalene	10.875	128	13644284	144.985	ng/u1	98
32) 4-Chloroaniline	11.016	127	5786197	143.916	ng/u1	99
33) Hexachlorobutadiene	11.099	225	2755931	168.964	ng/u1	98
34) Caprolactam	11.893	113	836117	92.492	ng/u1	99
35) 4-Chloro-3-methylphenol	12.128	107	4691580	156.883	ng/u1	99
36) 2-Methylnaphthalene	12.475	142	9159109	147.275	ng/u1	100

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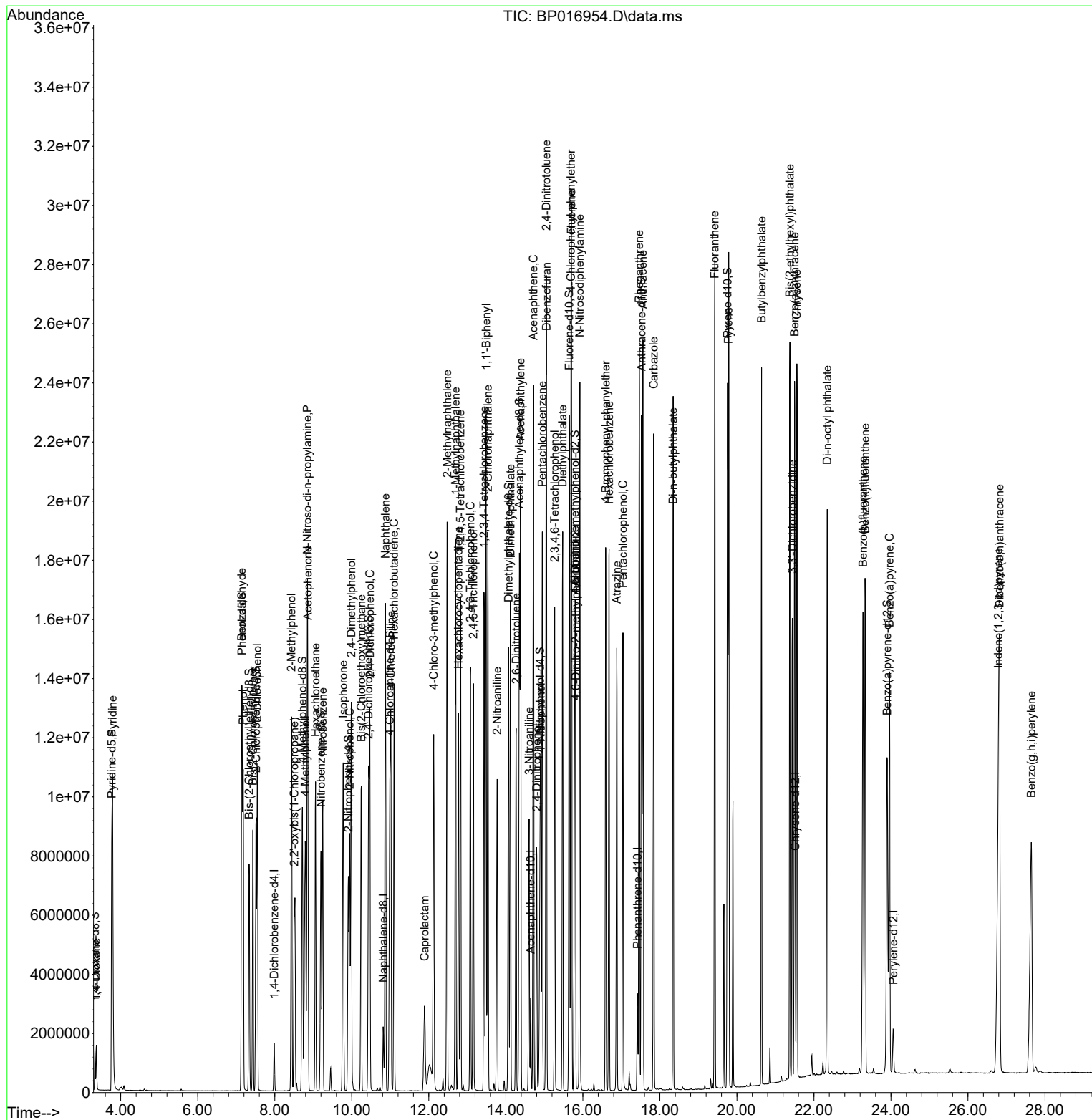
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37) 1-Methylnaphthalene	12.693	142	9052828	144.583	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.822	216	4955128	167.544	ng/ul	97
40) Hexachlorocyclopentadiene	12.769	237	3561614	185.860	ng/ul	99
41) 2,4,6-Trichlorophenol	13.081	196	3476816	172.724	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	3733325	170.457	ng/ul	98
43) 1,1'-Biphenyl	13.487	154	11584165	145.790	ng/ul	98
44) 2-Chloronaphthalene	13.534	162	9352929	149.921	ng/ul	98
45) 2-Nitroaniline	13.775	65	3114341	167.624	ng/ul	91
47) Dimethylphthalate	14.122	163	11331725	144.536	ng/ul	98
48) 2,6-Dinitrotoluene	14.269	165	2680884	176.074	ng/ul	91
50) Acenaphthylene	14.381	152	13402341	138.803	ng/ul#	93
51) 3-Nitroaniline	14.604	138	2369748	155.955	ng/ul	95
52) Acenaphthene	14.716	153	9693686	143.892	ng/ul	98
53) 2,4-Dinitrophenol	14.804	184	1781758	188.739	ng/ul#	88
55) 4-Nitrophenol	14.910	109	1764914	151.083	ng/ul	96
56) Dibenzofuran	15.057	168	12894753	139.206	ng/ul	100
57) 2,4-Dinitrotoluene	15.051	165	3536621	161.814	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.269	232	3061557	173.376	ng/ul	94
59) Diethylphthalate	15.475	149	11333331	144.657	ng/ul	95
61) Fluorene	15.704	166	10388043	136.023	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	5685799	154.056	ng/ul	96
63) 4-Nitroaniline	15.792	138	1944825	145.574	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.810	198	2193644	175.878	ng/ul#	90
67) N-Nitrosodiphenylamine	15.922	169	9181619	153.925	ng/ul	98
68) 4-Bromophenyl-phenylether	16.592	248	3579876	181.895	ng/ul	93
69) Hexachlorobenzene	16.681	284	3730758	172.929	ng/ul	94
70) Atrazine	16.881	200	3054579	149.565	ng/ul	99
71) Pentachlorophenol	17.039	266	2466677	175.330	ng/ul	99
72) Phenanthrene	17.463	178	14990144	136.368	ng/ul#	87
74) Anthracene	17.557	178	14164456	128.183	ng/ul#	85
75) 1,2,3,4-Tetrachloroben...	13.434	216	5079897	180.273	ng/uL	99
76) Pentachlorobenzene	14.945	250	4709447	173.504	ng/uL	98
77) Carbazole	17.839	167	13772717	138.697	ng/ul#	90
78) Di-n-butylphthalate	18.339	149	13594485	111.748	ng/ul#	92
80) Fluoranthene	19.422	202	14466552	155.684	ng/ul#	91
82) Pyrene	19.780	202	13814320	143.184	ng/ul#	93
83) Butylbenzylphthalate	20.639	149	7013020	175.768	ng/ul#	92
84) 3,3'-Dichlorobenzidine	21.439	252	4315787	159.164	ng/ul	99
85) Benzo(a)anthracene	21.498	228	12923337	150.186	ng/ul	92
86) Bis(2-ethylhexyl)phtha...	21.375	149	9213874	167.157	ng/ul#	93
87) Chrysene	21.557	228	11777121	146.314	ng/ul	93
89) Di-n-octyl phthalate	22.345	149	13131609	146.177	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	11837075	158.095	ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	11529873	159.022	ng/ul	98
93) Benzo(a)pyrene	23.963	252	10391904	166.405	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.792	276	14364629	207.215	ng/ul	99
95) Dibenzo(a,h)anthracene	26.821	278	11687274	204.266	ng/ul	99
96) Benzo(g,h,i)perylene	27.645	276	11404510	208.764	ng/ul	99

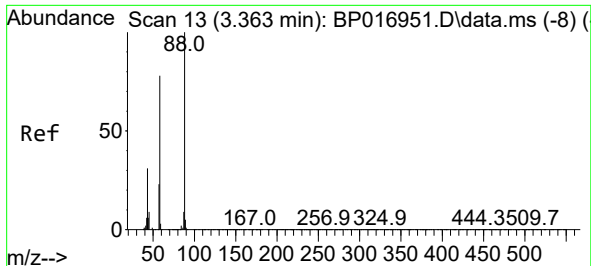
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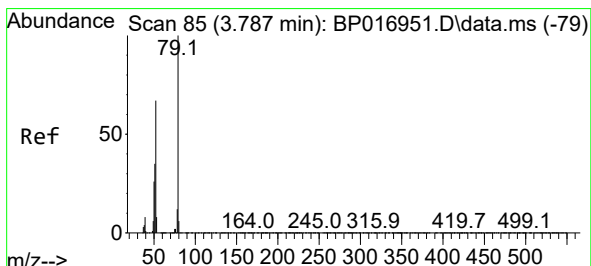
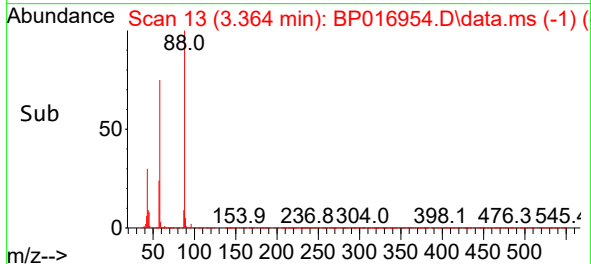
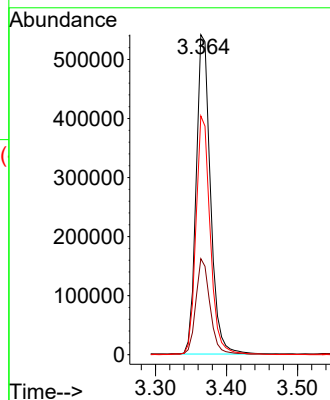
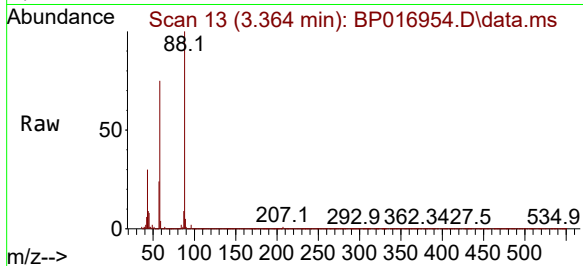




#2
1,4-Dioxane
Concen: 62.789 ng/uL
RT: 3.364 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP016954.D
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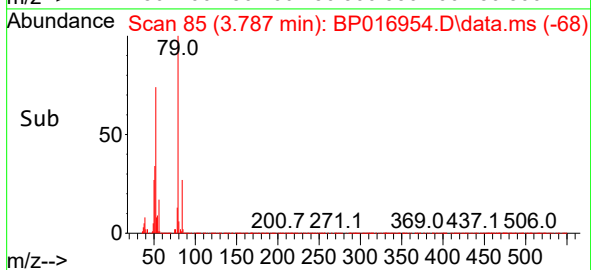
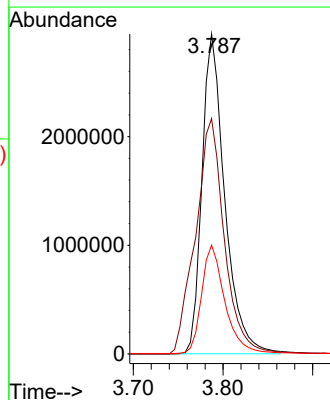
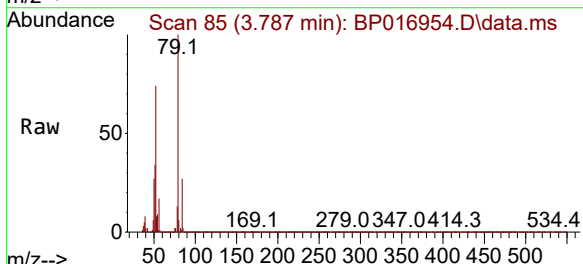
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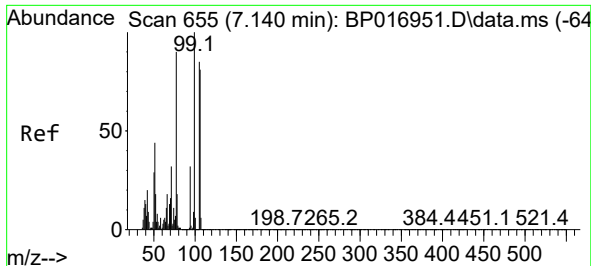
Tgt Ion: 88 Resp: 758458
Ion Ratio Lower Upper
88 100
43 30.0 25.0 37.6
58 74.6 60.6 90.8



#5
Pyridine
Concen: 152.508 ng/uL
RT: 3.787 min Scan# 85
Delta R.T. 0.000 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

Tgt Ion: 79 Resp: 5190106
Ion Ratio Lower Upper
79 100
52 73.6 60.1 90.1
51 34.0 30.5 45.7

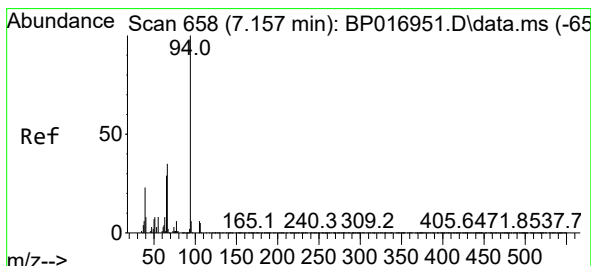
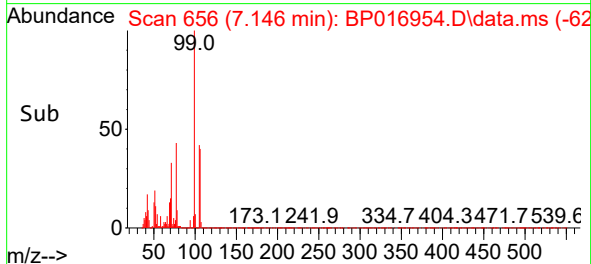
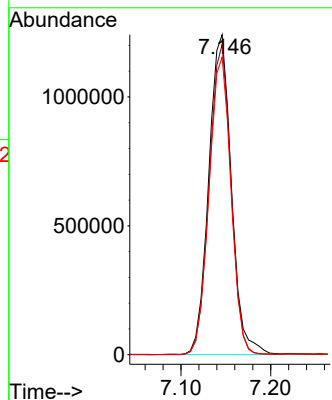
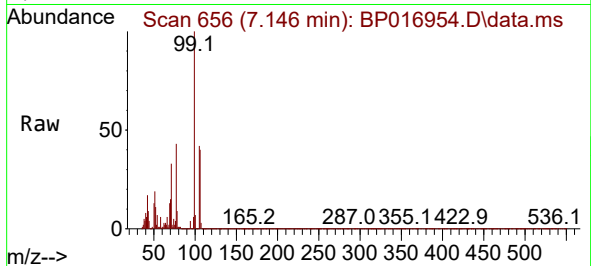




#6
Benzaldehyde
Concen: 123.929 ng/ul
RT: 7.146 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

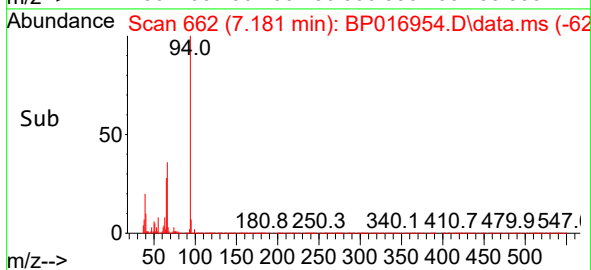
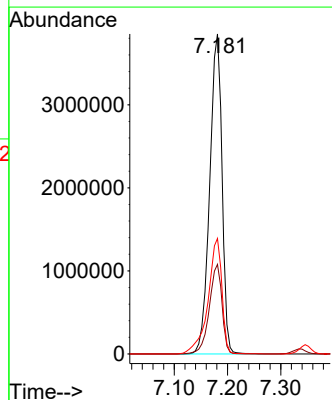
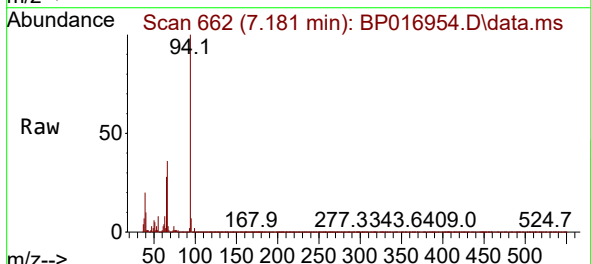
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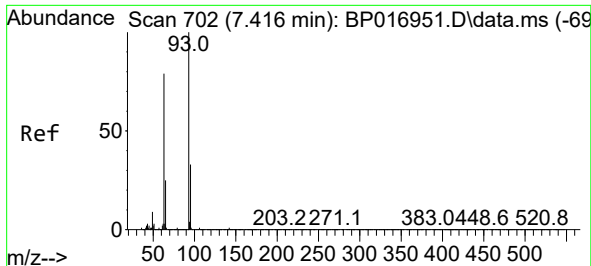
Tgt Ion: 77 Resp: 2171650
Ion Ratio Lower Upper
77 100
105 96.9 75.4 113.0
106 93.0 71.4 107.2



#8
Phenol
Concen: 153.936 ng/ul
RT: 7.181 min Scan# 662
Delta R.T. 0.024 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

Tgt Ion: 94 Resp: 6183550
Ion Ratio Lower Upper
94 100
65 28.0 23.2 34.8
66 36.1 29.4 44.2

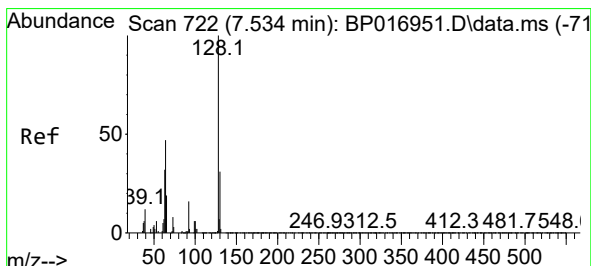
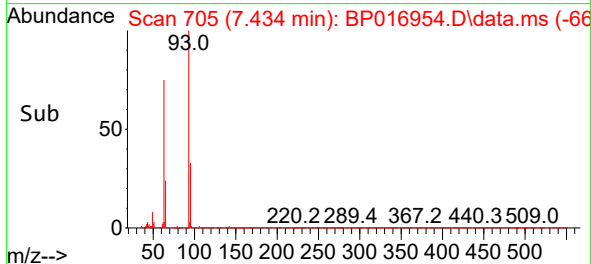
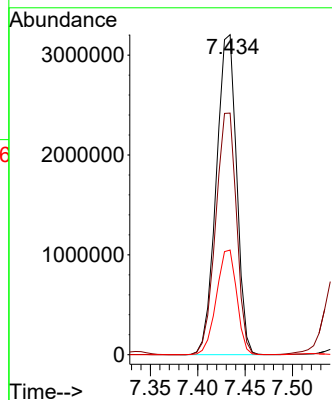
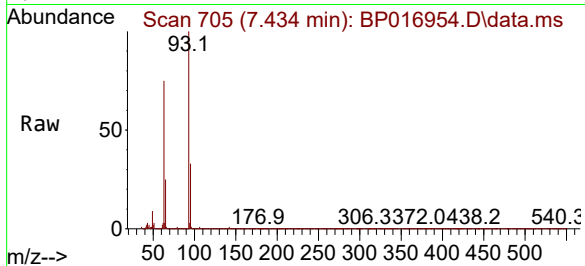




#10
Bis(2-Chloroethyl)ether
Concen: 149.692 ng/ul
RT: 7.434 min Scan# 705
Delta R.T. 0.018 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

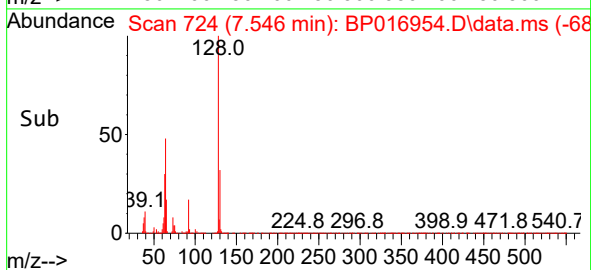
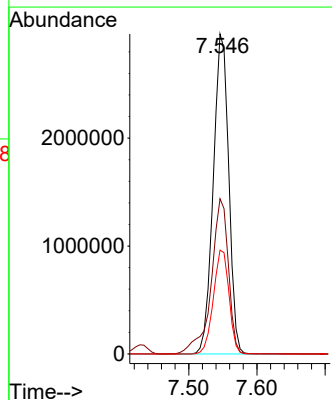
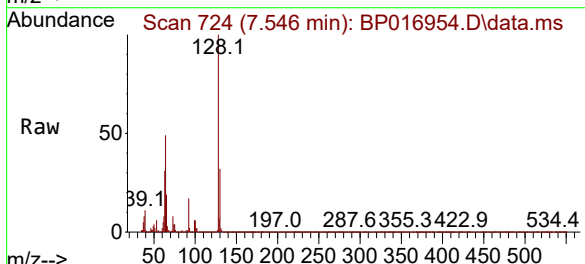
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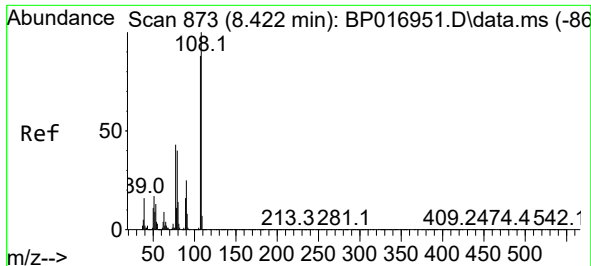
Tgt Ion: 93 Resp: 4795133
Ion Ratio Lower Upper
93 100
63 75.5 63.4 95.2
95 32.7 26.1 39.1



#12
2-Chlorophenol
Concen: 157.190 ng/ul
RT: 7.546 min Scan# 724
Delta R.T. 0.012 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

Tgt Ion:128 Resp: 4685909
Ion Ratio Lower Upper
128 100
64 48.5 40.2 60.2
130 32.5 25.2 37.8





#13

2-Methylphenol

Concen: 154.326 ng/ul

RT: 8.434 min Scan# 873

Delta R.T. 0.012 min

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BNA_P

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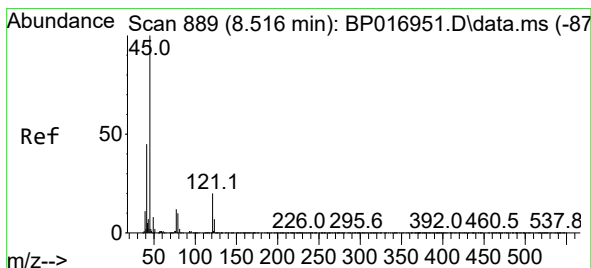
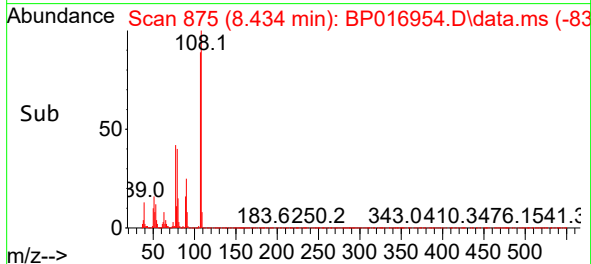
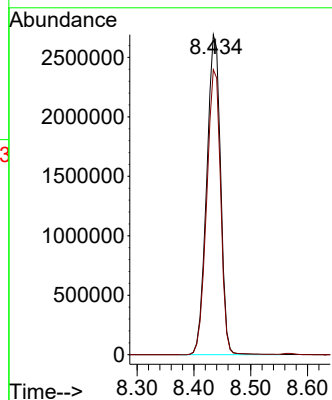
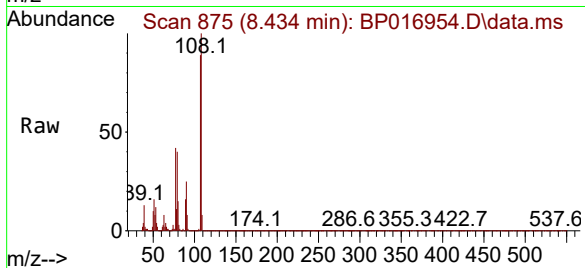
SSTD160601

Tgt Ion:108 Resp: 4547214

Ion Ratio Lower Upper

108 100

107 89.1 70.6 106.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 75.034 ng/ul

RT: 8.505 min Scan# 887

Delta R.T. -0.011 min

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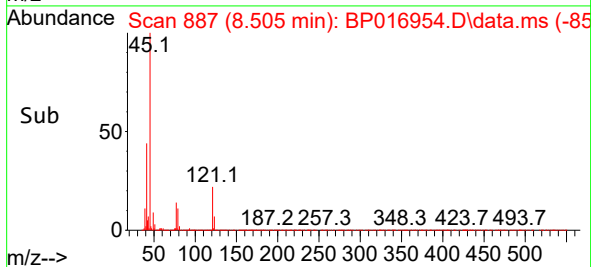
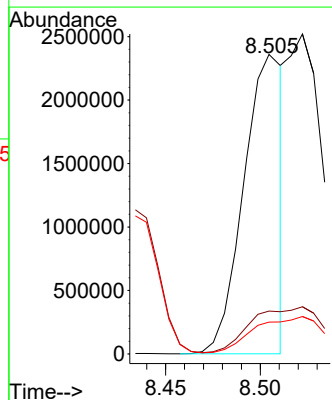
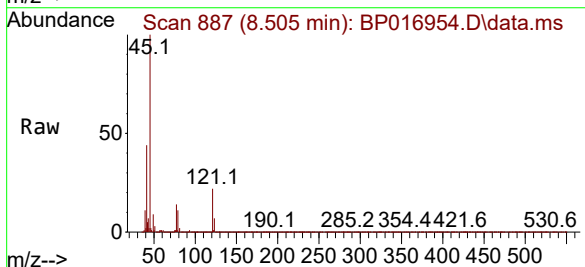
Tgt Ion: 45 Resp: 3385635

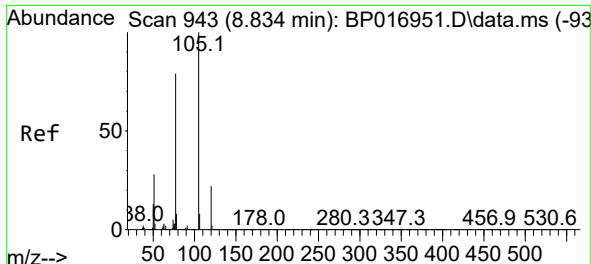
Ion Ratio Lower Upper

45 100

77 14.3 11.3 16.9

79 10.6 9.0 13.4

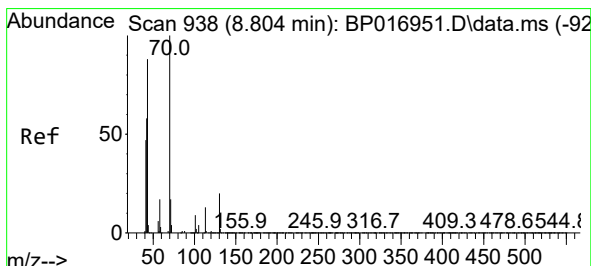
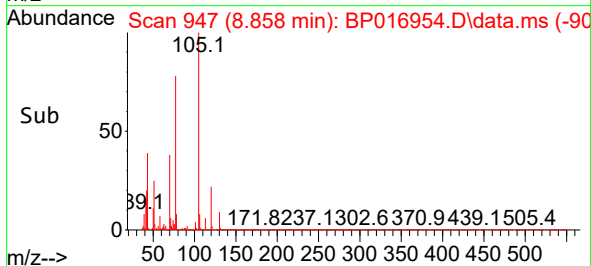
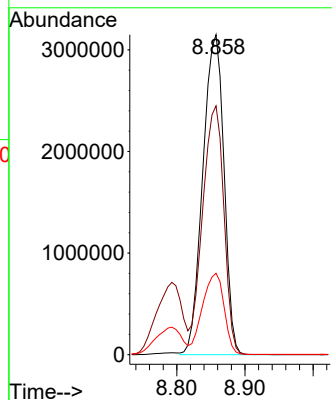
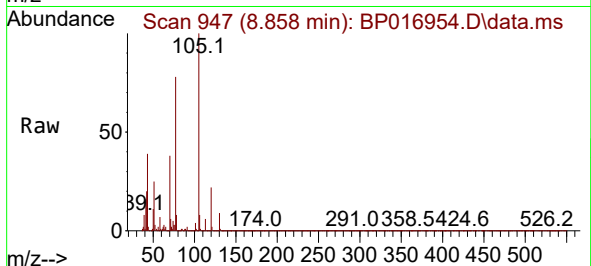




#16
Acetophenone
Concen: 142.856 ng/ul
RT: 8.858 min Scan# 943
Delta R.T. 0.024 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

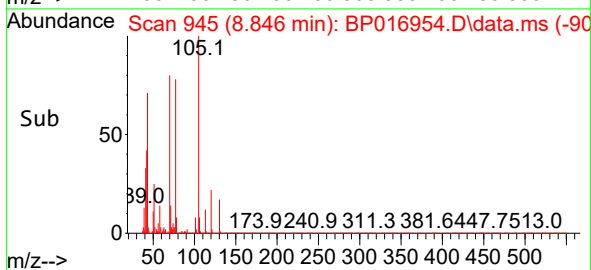
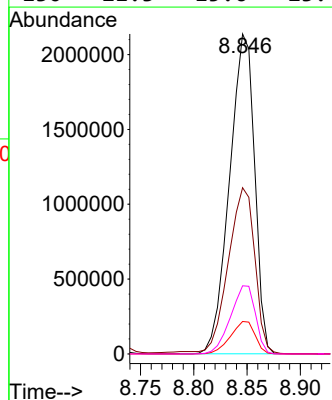
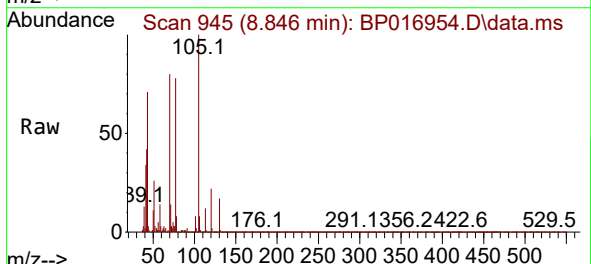
Instrument :
BNA_P
ClientSampleId :
SSTD160601

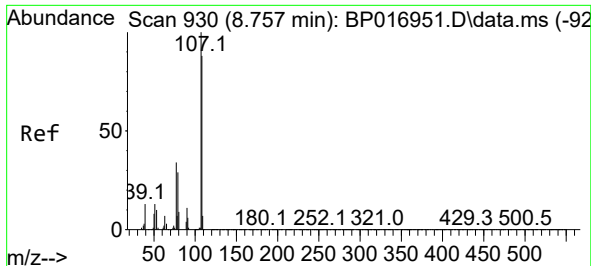
Tgt Ion:105 Resp: 6790129
Ion Ratio Lower Upper
105 100
77 77.7 63.6 95.4
51 25.4 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 137.886 ng/ul
RT: 8.846 min Scan# 945
Delta R.T. 0.042 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

Tgt Ion: 70 Resp: 3501064
Ion Ratio Lower Upper
70 100
42 51.9 47.4 71.2
101 10.1 7.3 10.9
130 21.3 15.6 23.4

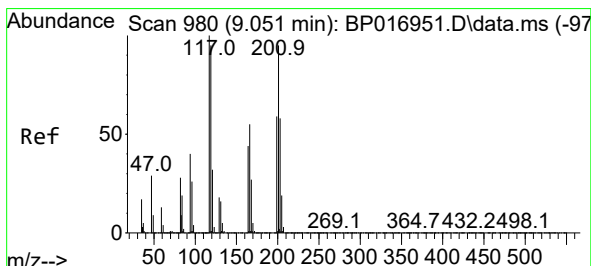
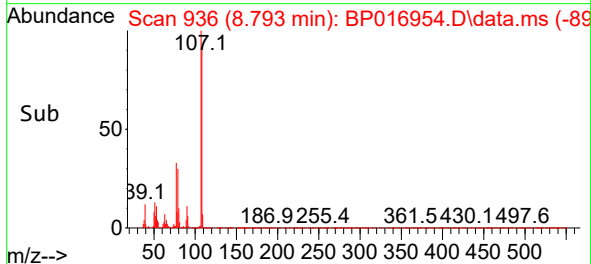
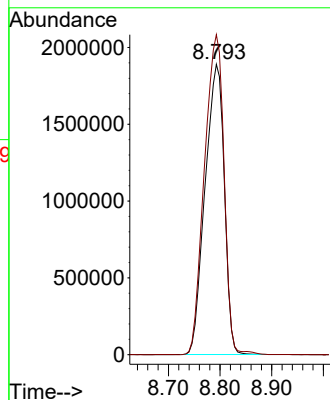
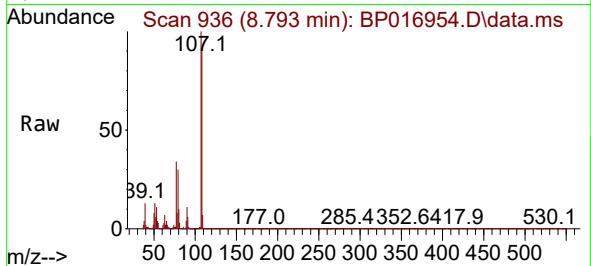




#18
4-Methylphenol
Concen: 152.005 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. 0.036 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

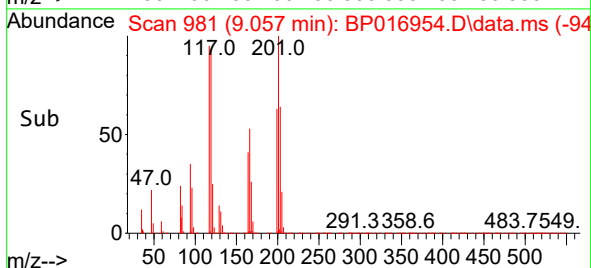
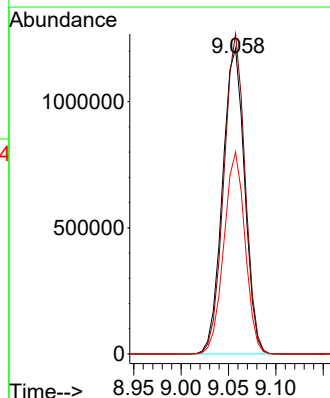
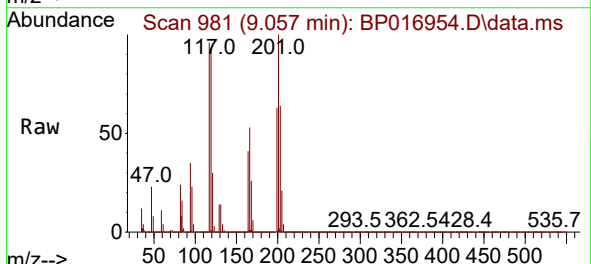
Instrument :
BNA_P
ClientSampleId :
SSTD160601

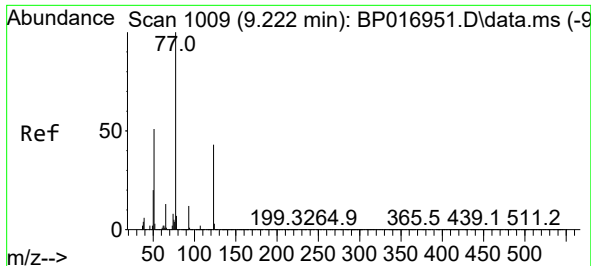
Tgt Ion:108 Resp: 4884502
Ion Ratio Lower Upper
108 100
107 110.2 90.6 135.8



#19
Hexachloroethane
Concen: 159.319 ng/ul
RT: 9.057 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

Tgt Ion:117 Resp: 1967488
Ion Ratio Lower Upper
117 100
201 104.7 75.8 113.6
199 66.1 46.8 70.2

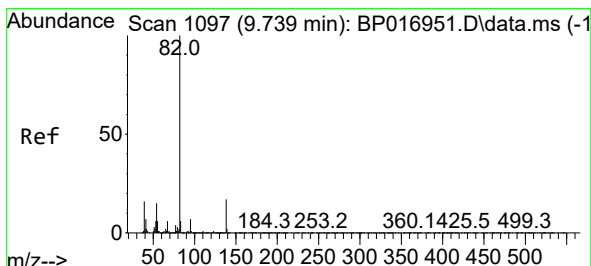
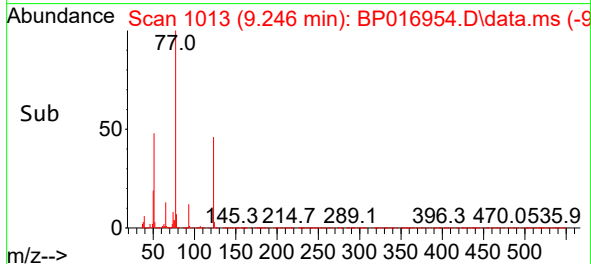
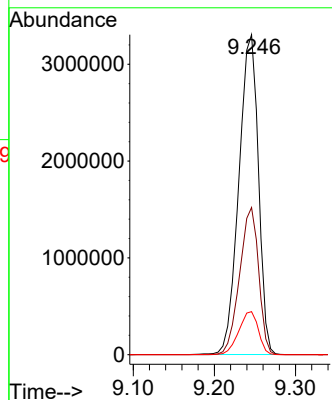
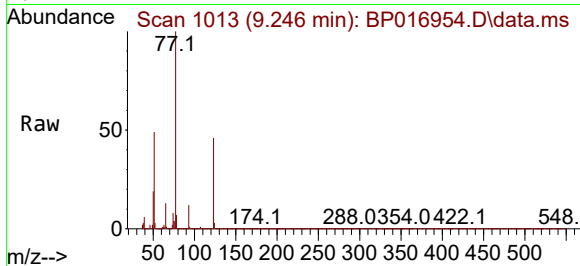




#22
Nitrobenzene
Concen: 154.409 ng/ul
RT: 9.246 min Scan# 1103
Delta R.T. 0.024 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

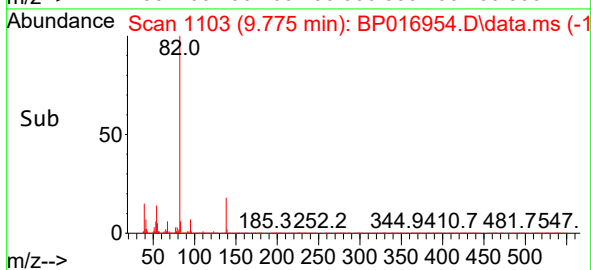
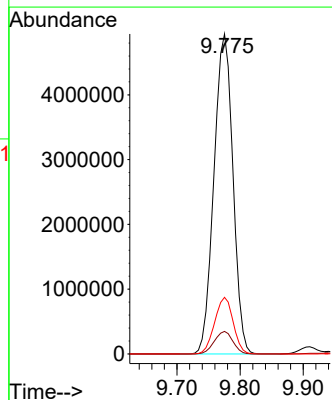
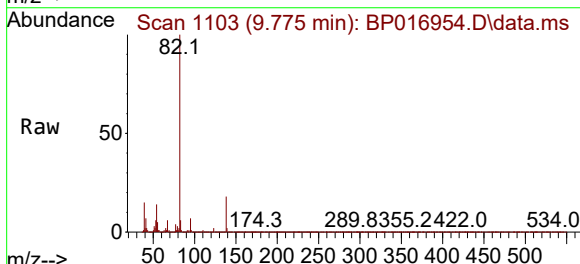
Instrument :
BNA_P
ClientSampleId :
SSTD160601

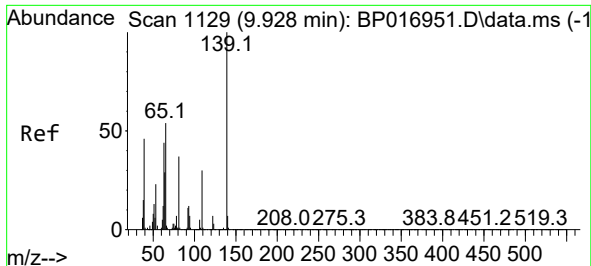
Tgt Ion: 77 Resp: 5516462
Ion Ratio Lower Upper
77 100
123 46.0 34.4 51.6
65 13.5 10.6 15.8



#23
Isophorone
Concen: 153.555 ng/ul
RT: 9.775 min Scan# 1103
Delta R.T. 0.036 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

Tgt Ion: 82 Resp: 10306627
Ion Ratio Lower Upper
82 100
95 7.1 5.3 7.9
138 17.7 13.4 20.2

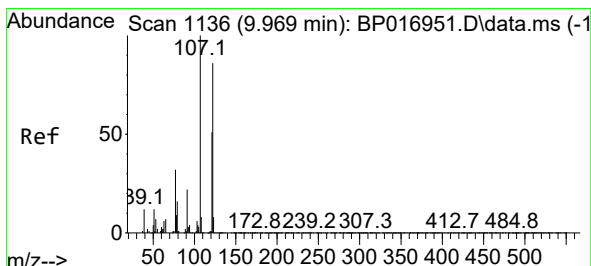
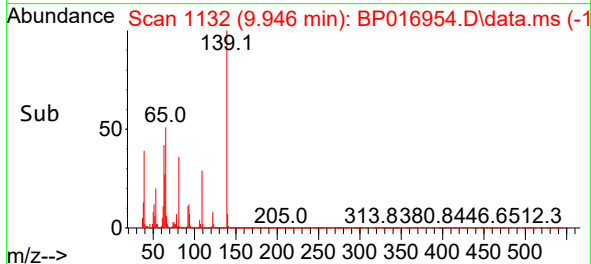
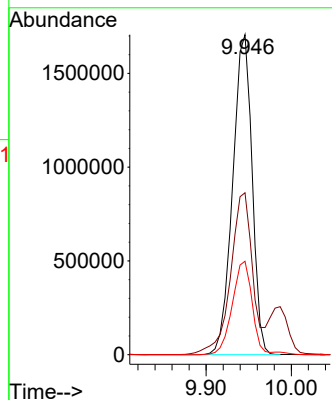
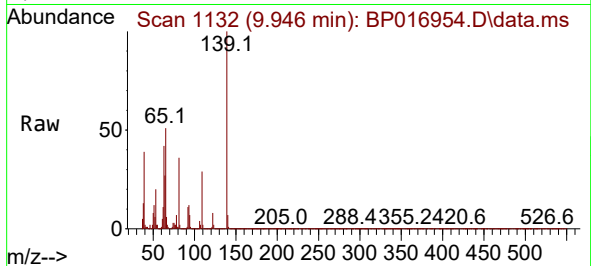




#25
2-Nitrophenol
Concen: 169.257 ng/ul
RT: 9.946 min Scan# 1132
Delta R.T. 0.018 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

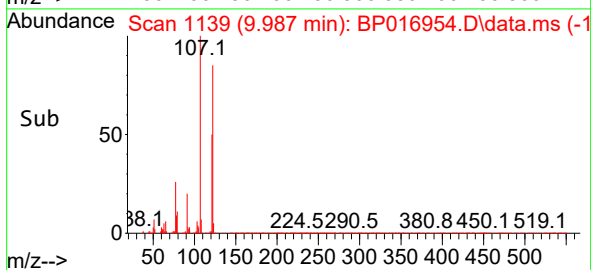
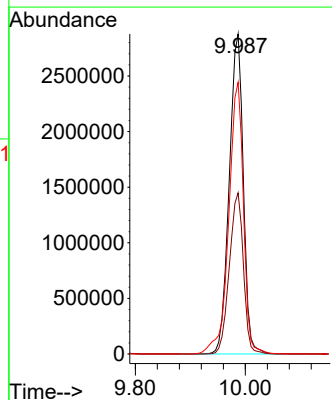
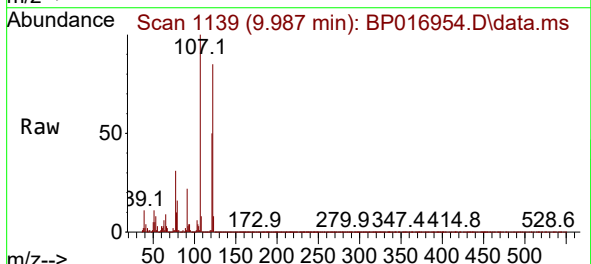
Instrument :
BNA_P
ClientSampleId :
SSTD160601

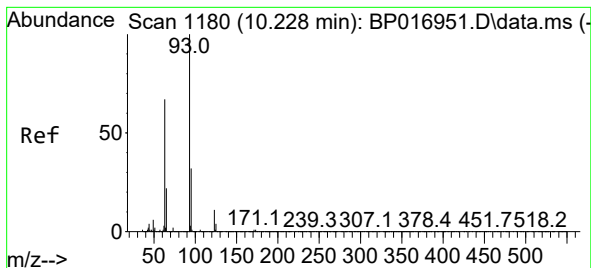
Tgt Ion:139 Resp: 2702856
Ion Ratio Lower Upper
139 100
65 50.6 44.0 66.0
109 29.2 24.1 36.1



#26
2,4-Dimethylphenol
Concen: 156.861 ng/ul
RT: 9.987 min Scan# 1139
Delta R.T. 0.018 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

Tgt Ion:107 Resp: 5114476
Ion Ratio Lower Upper
107 100
121 50.4 41.0 61.6
122 84.9 69.0 103.4



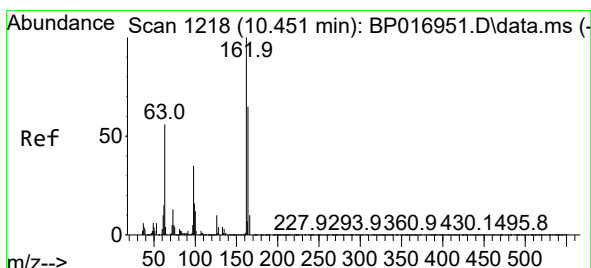
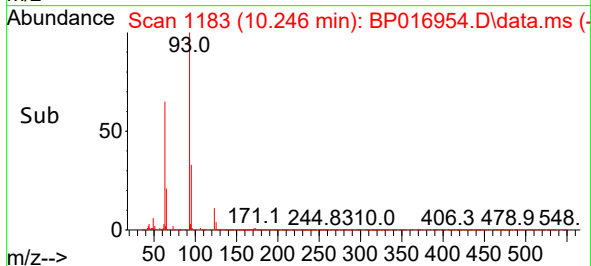
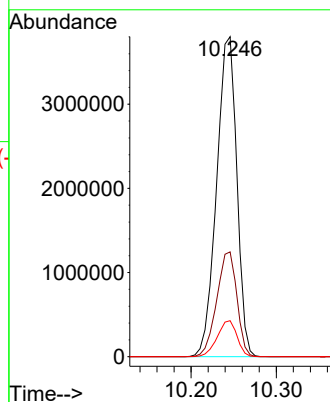
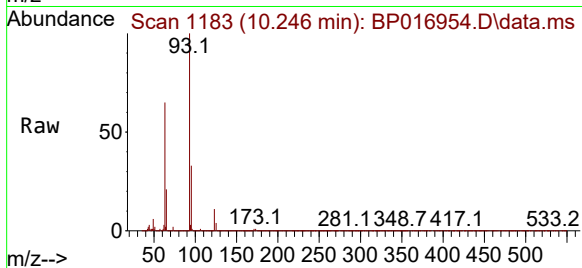


#27
 Bis(2-Chloroethoxy)methane
 Concen: 150.558 ng/ul
 RT: 10.246 min Scan# 1183
 Delta R.T. 0.018 min
 Lab File: BP016954.D
 Acq: 05 Sep 2023 14:24

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160601

Tgt Ion: 93 Resp: 6262731

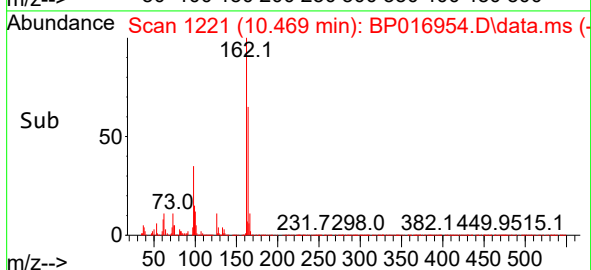
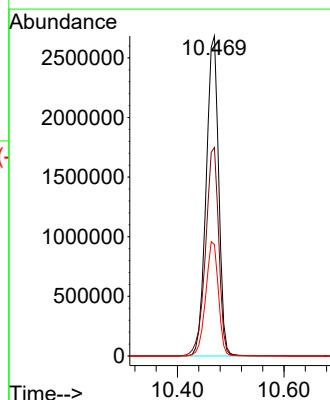
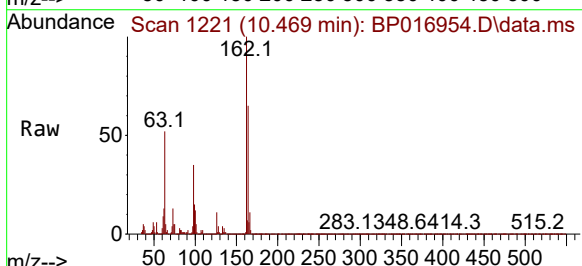
Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	11.2	8.6	13.0

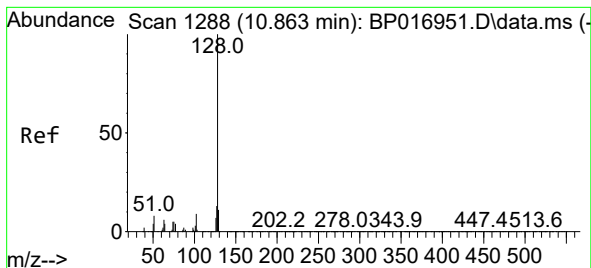


#29
 2,4-Dichlorophenol
 Concen: 160.652 ng/ul
 RT: 10.469 min Scan# 1221
 Delta R.T. 0.018 min
 Lab File: BP016954.D
 Acq: 05 Sep 2023 14:24

Tgt Ion: 162 Resp: 4384065

Ion	Ratio	Lower	Upper
162	100		
164	65.2	51.8	77.6
98	34.8	28.2	42.4





#30

Naphthalene

Concen: 144.985 ng/ul

RT: 10.875 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

Instrument :

BNA_P

ClientSampleId :

SSTD160601

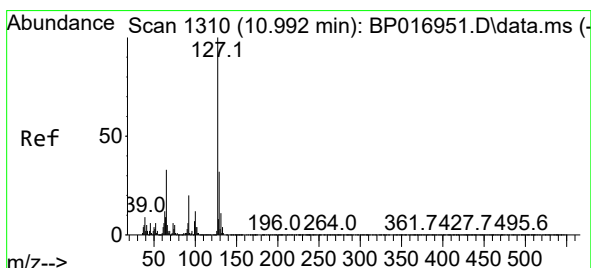
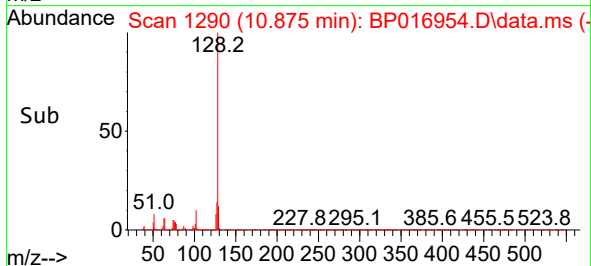
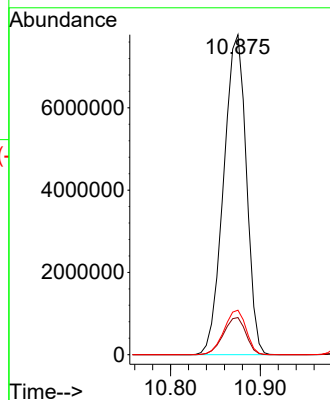
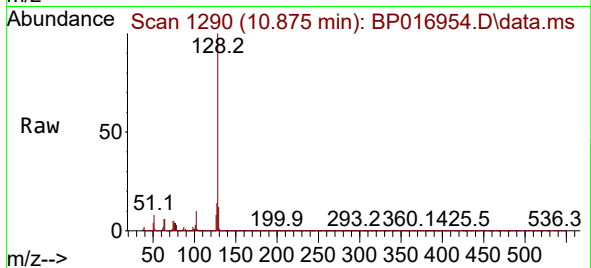
Tgt Ion:128 Resp:13644284

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

127 13.9 10.3 15.5



#32

4-Chloroaniline

Concen: 143.916 ng/ul

RT: 11.016 min Scan# 1314

Delta R.T. 0.024 min

Lab File: BP016954.D

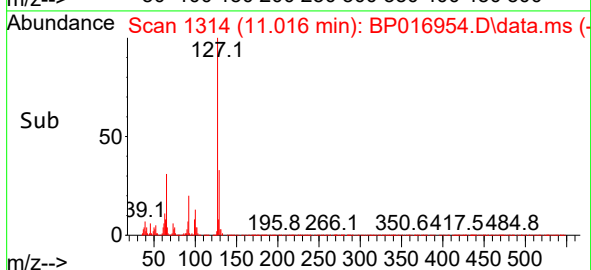
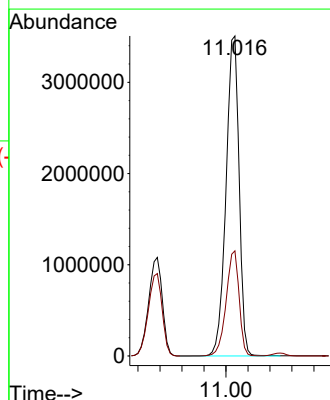
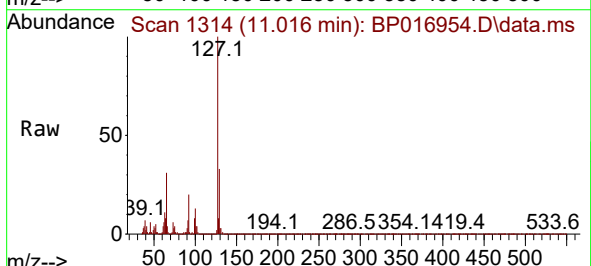
Acq: 05 Sep 2023 14:24

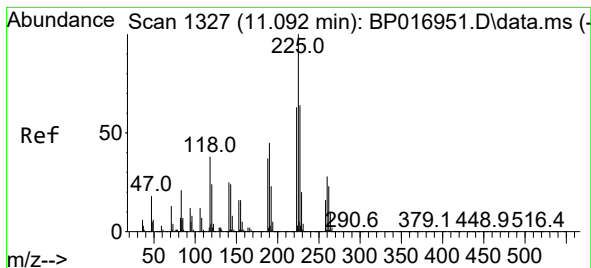
Tgt Ion:127 Resp: 5786197

Ion Ratio Lower Upper

127 100

129 32.8 26.0 39.0





#33

Hexachlorobutadiene

Concen: 168.964 ng/ul

RT: 11.099 min Scan# 1463

Delta R.T. 0.006 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

Instrument :

BNA_P

ClientSampleId :

SSTD160601

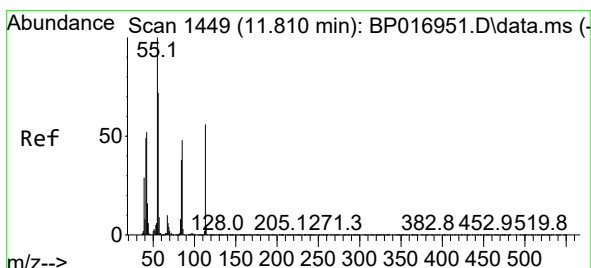
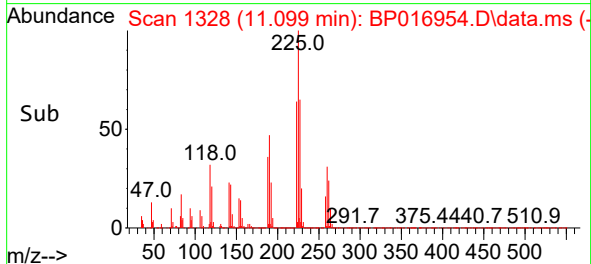
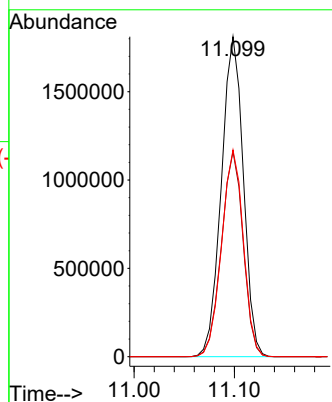
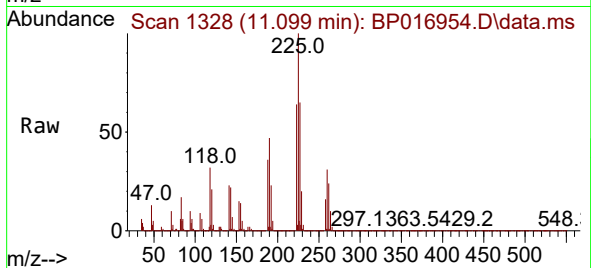
Tgt Ion:225 Resp: 2755931

Ion Ratio Lower Upper

225 100

223 64.1 50.1 75.1

227 64.6 50.9 76.3



#34

Caprolactam

Concen: 92.492 ng/ul

RT: 11.893 min Scan# 1463

Delta R.T. 0.083 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

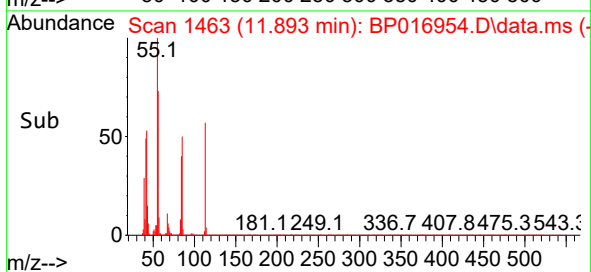
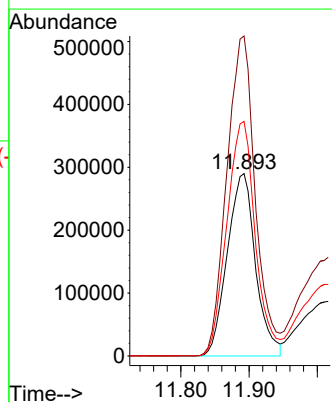
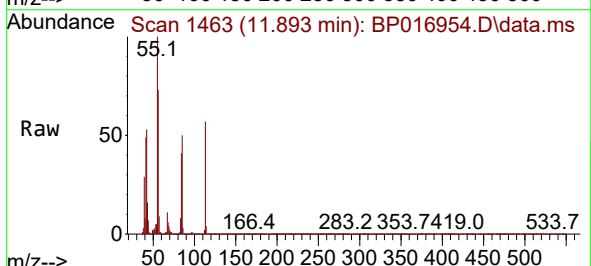
Tgt Ion:113 Resp: 836117

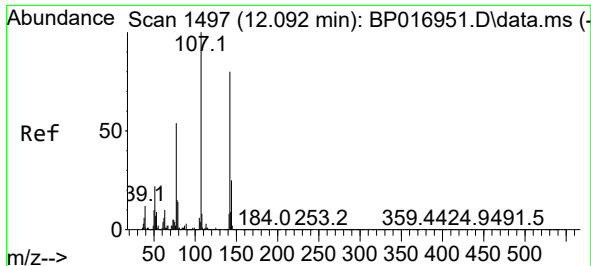
Ion Ratio Lower Upper

113 100

55 175.4 142.3 213.5

56 128.6 102.2 153.2

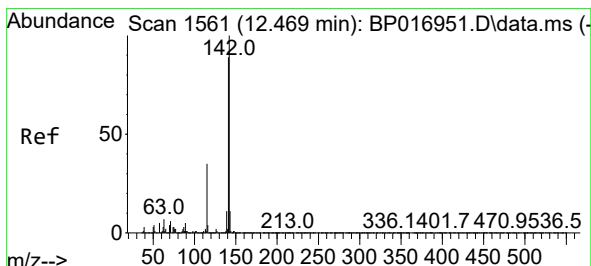
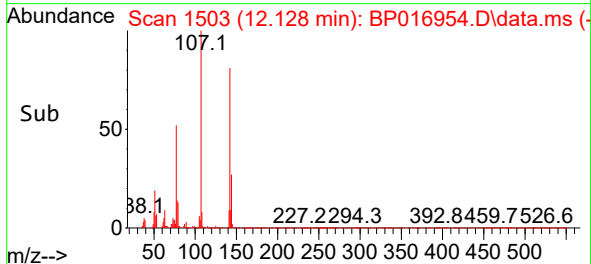
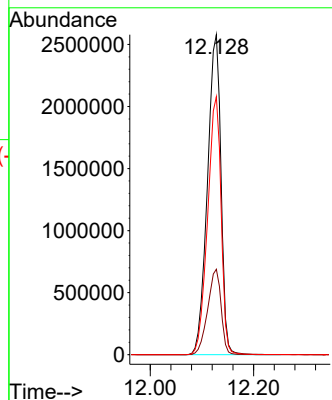
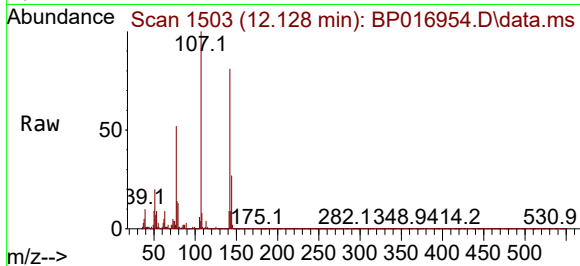




#35
 4-Chloro-3-methylphenol
 Concen: 156.883 ng/ul
 RT: 12.128 min Scan# 1503
 Delta R.T. 0.036 min
 Lab File: BP016954.D
 Acq: 05 Sep 2023 14:24

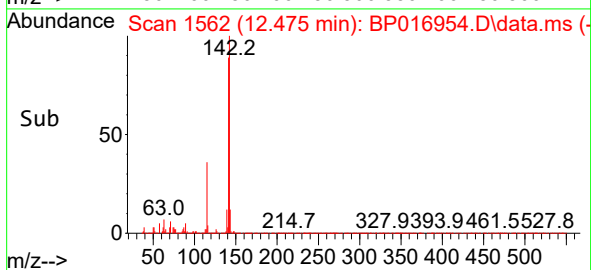
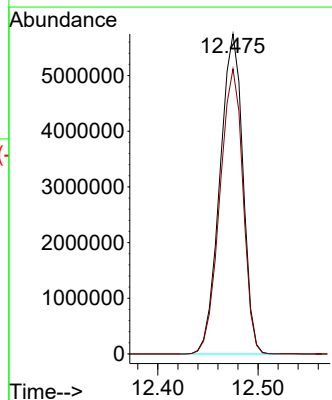
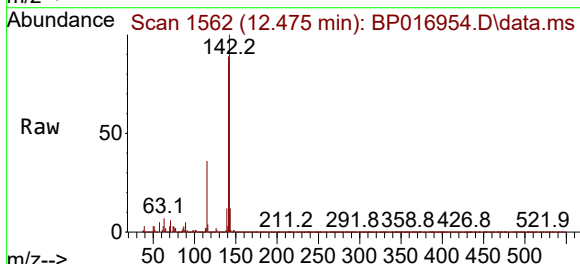
Instrument :
 BNA_P
 ClientSampleId :
 SSTD160601

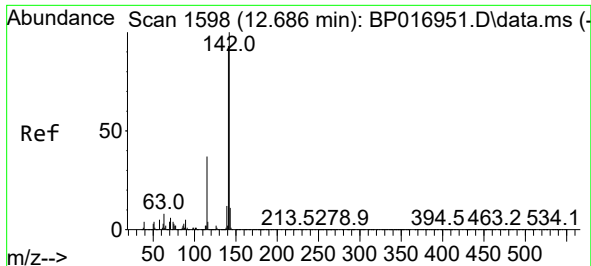
Tgt Ion:107 Resp: 4691580
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.3 30.5
 142 80.6 63.8 95.8



#36
 2-Methylnaphthalene
 Concen: 147.275 ng/ul
 RT: 12.475 min Scan# 1562
 Delta R.T. 0.006 min
 Lab File: BP016954.D
 Acq: 05 Sep 2023 14:24

Tgt Ion:142 Resp: 9159109
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.1 106.7





#37

1-Methylnaphthalene

Concen: 144.583 ng/ul

RT: 12.693 min Scan# 1598

Delta R.T. 0.006 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

Instrument :

BNA_P

ClientSampleId :

SSTD160601

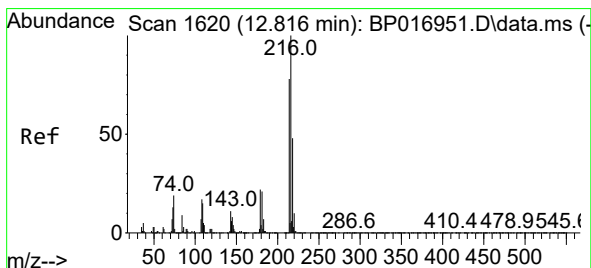
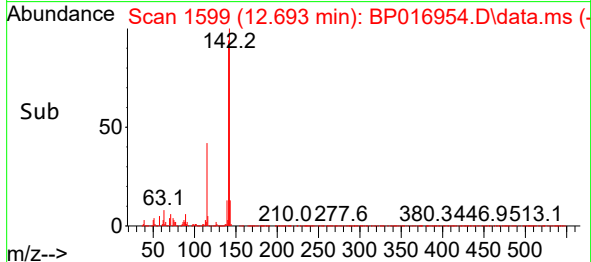
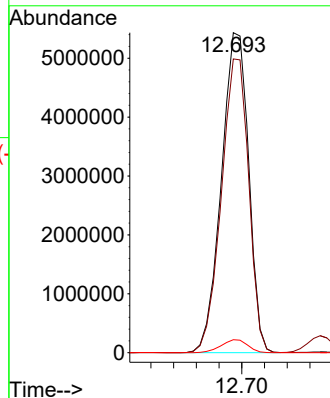
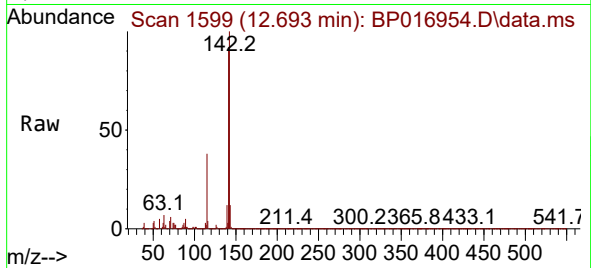
Tgt Ion:142 Resp: 9052828

Ion Ratio Lower Upper

142 100

141 91.8 74.5 111.7

116 4.1 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 167.544 ng/ul

RT: 12.822 min Scan# 1621

Delta R.T. 0.006 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

Tgt Ion:216 Resp: 4955128

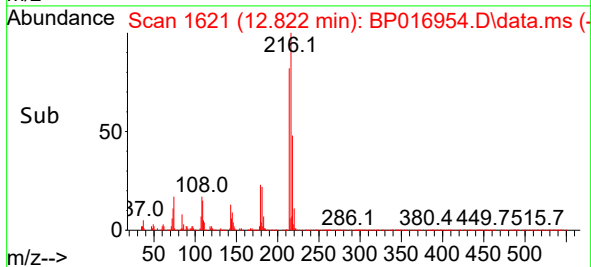
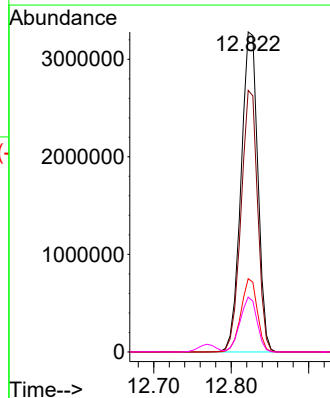
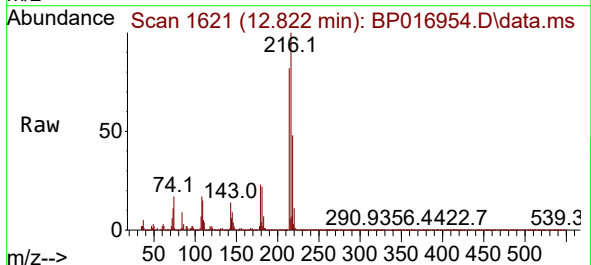
Ion Ratio Lower Upper

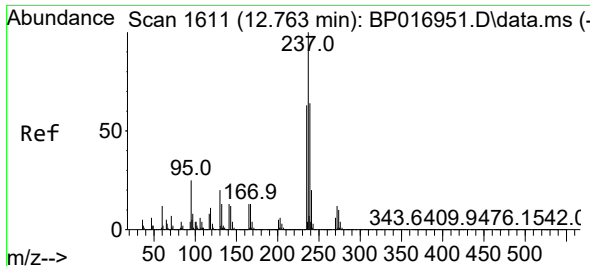
216 100

214 81.8 62.8 94.2

179 22.9 17.5 26.3

108 17.1 14.6 21.8

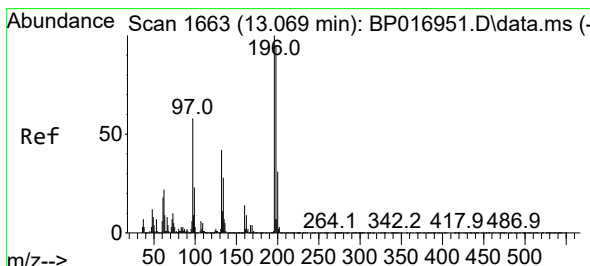
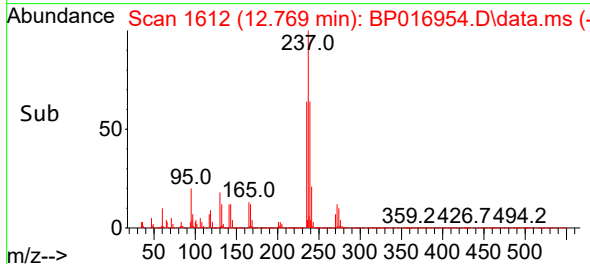
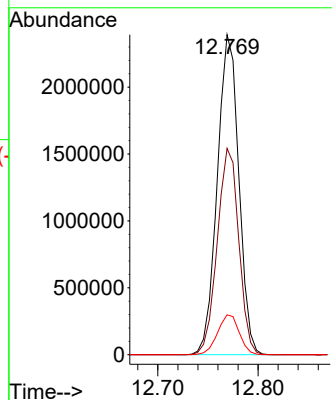
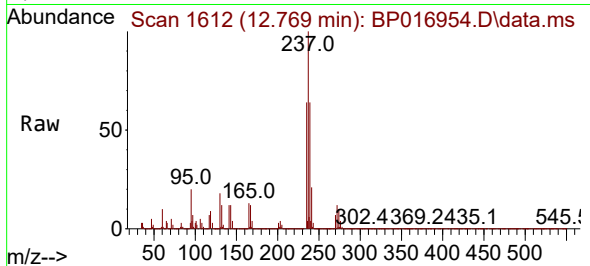




#40
 Hexachlorocyclopentadiene
 Concen: 185.860 ng/ul
 RT: 12.769 min Scan# 1611
 Delta R.T. 0.006 min
 Lab File: BP016954.D
 Acq: 05 Sep 2023 14:24

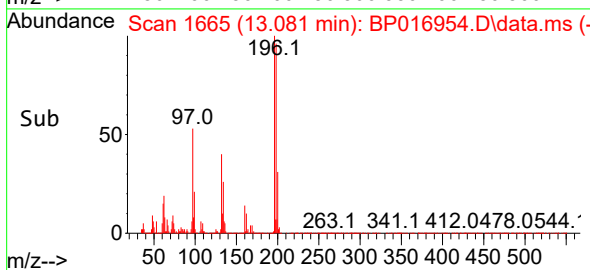
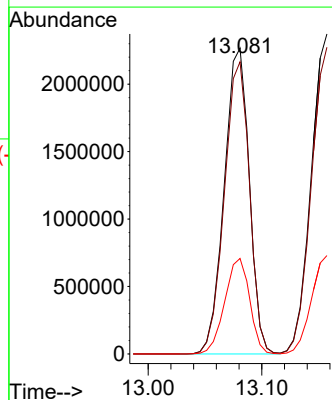
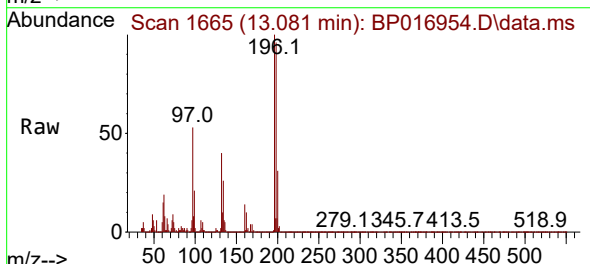
Instrument :
 BNA_P
 ClientSampleId :
 SSTD160601

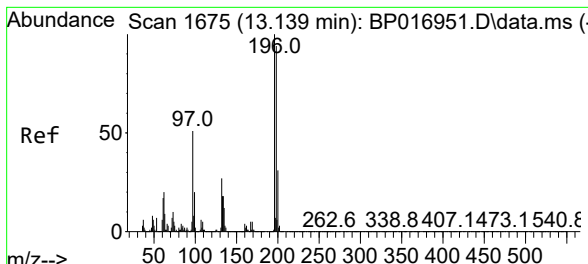
Tgt Ion:237 Resp: 3561614
 Ion Ratio Lower Upper
 237 100
 235 64.4 50.8 76.2
 272 12.5 10.0 15.0



#41
 2,4,6-Trichlorophenol
 Concen: 172.724 ng/ul
 RT: 13.081 min Scan# 1665
 Delta R.T. 0.012 min
 Lab File: BP016954.D
 Acq: 05 Sep 2023 14:24

Tgt Ion:196 Resp: 3476816
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.8 113.6
 200 31.3 24.6 36.8



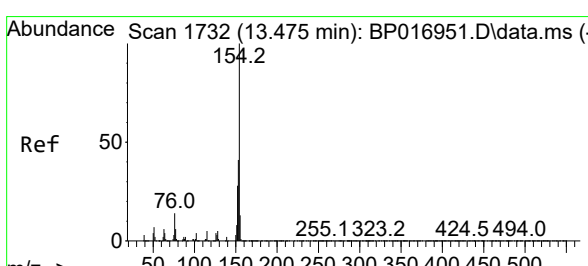
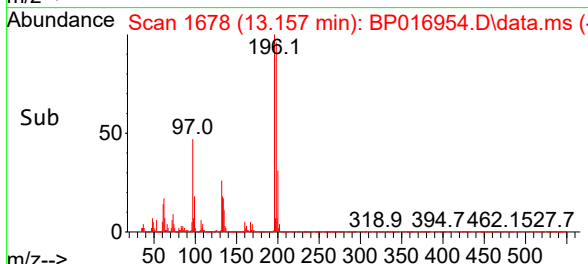
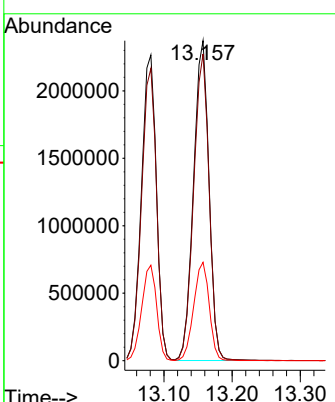
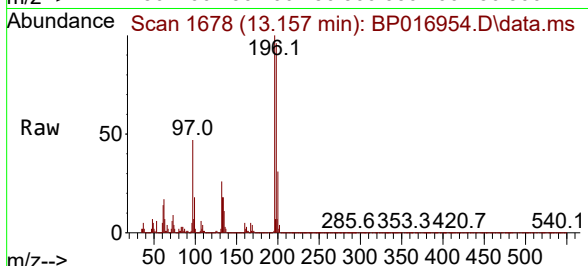


#42
 2,4,5-Trichlorophenol
 Concen: 170.457 ng/ul
 RT: 13.157 min Scan# 1678
 Delta R.T. 0.018 min
 Lab File: BP016954.D
 Acq: 05 Sep 2023 14:24

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160601

Tgt Ion:196 Resp: 3733325

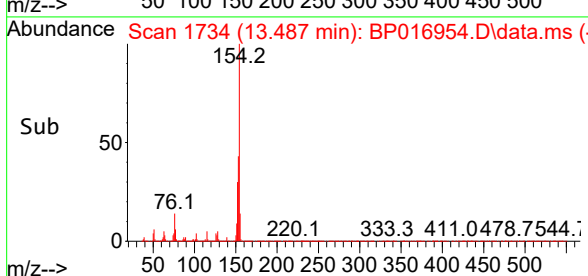
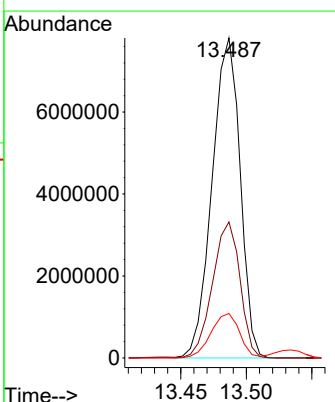
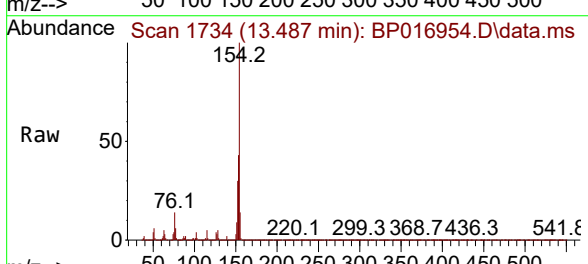
Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.9	112.3
200	30.7	24.5	36.7

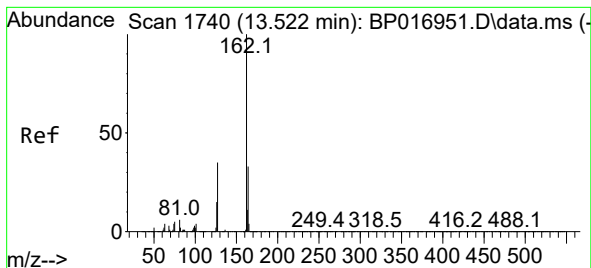


#43
 1,1'-Biphenyl
 Concen: 145.790 ng/ul
 RT: 13.487 min Scan# 1734
 Delta R.T. 0.012 min
 Lab File: BP016954.D
 Acq: 05 Sep 2023 14:24

Tgt Ion:154 Resp:11584165

Ion	Ratio	Lower	Upper
154	100		
153	42.5	32.7	49.1
76	13.9	11.5	17.3

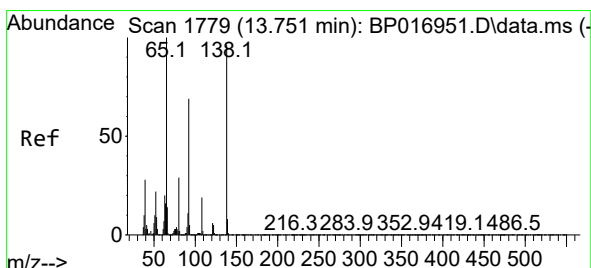
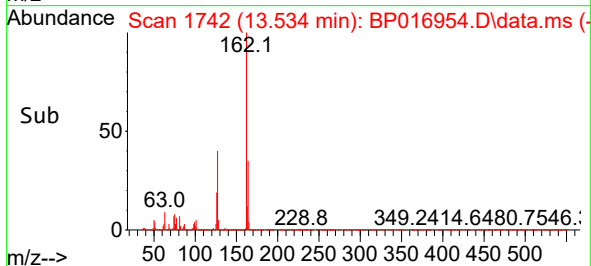
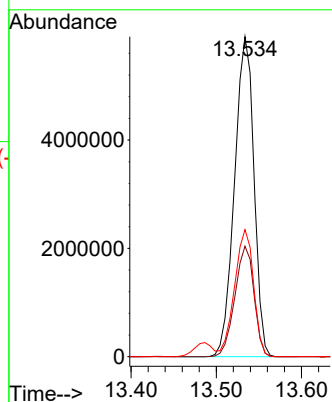
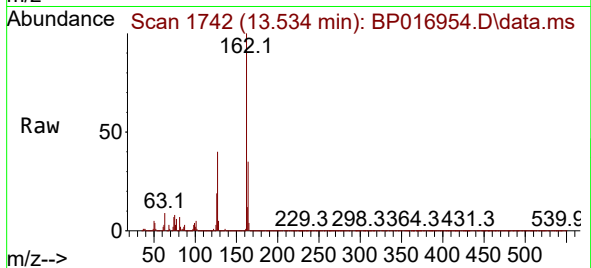




#44
2-Chloronaphthalene
Concen: 149.921 ng/ul
RT: 13.534 min Scan# 1742
Delta R.T. 0.012 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

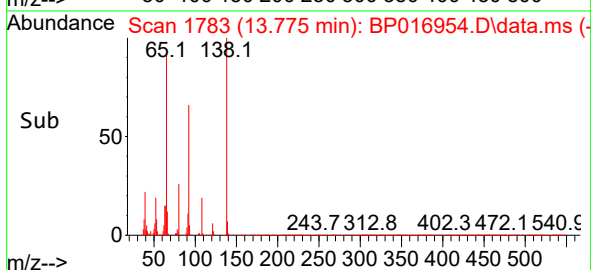
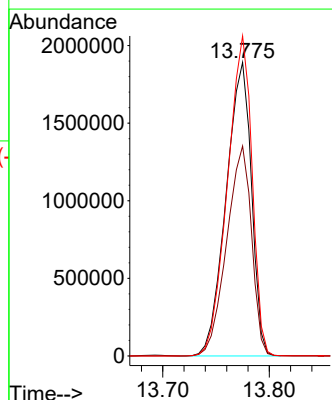
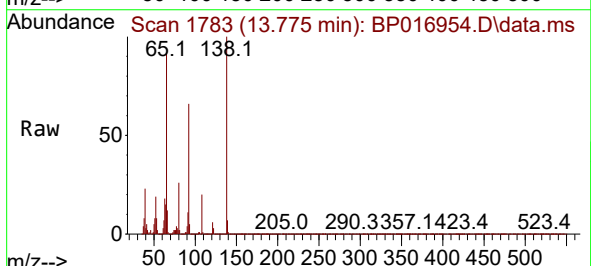
Instrument :
BNA_P
ClientSampleId :
SSTD160601

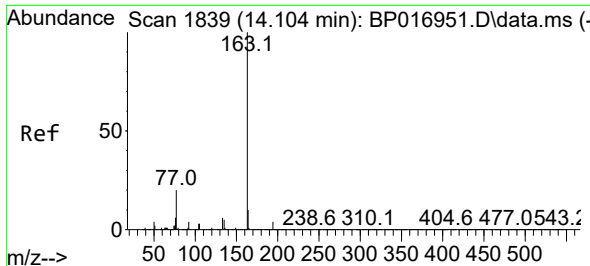
Tgt Ion:162 Resp: 9352929
Ion Ratio Lower Upper
162 100
164 34.5 26.2 39.4
127 39.7 30.8 46.2



#45
2-Nitroaniline
Concen: 167.624 ng/ul
RT: 13.775 min Scan# 1783
Delta R.T. 0.024 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

Tgt Ion: 65 Resp: 3114341
Ion Ratio Lower Upper
65 100
92 71.5 55.4 83.0
138 109.0 76.8 115.2

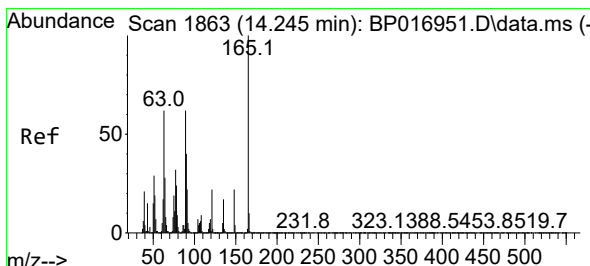
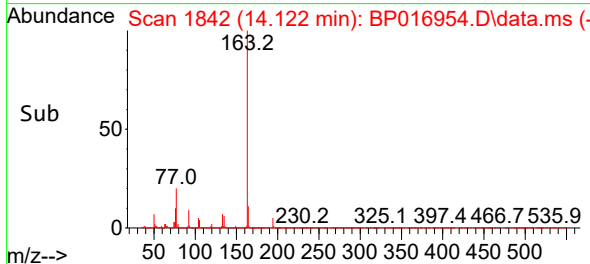
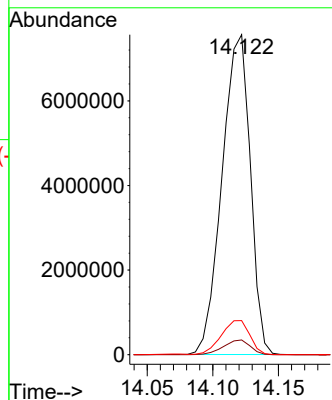
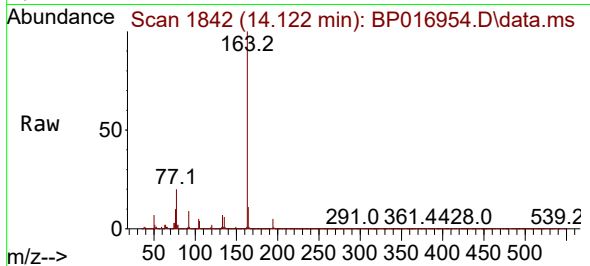




#47
Dimethylphthalate
Concen: 144.536 ng/ul
RT: 14.122 min Scan# 1842
Delta R.T. 0.018 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

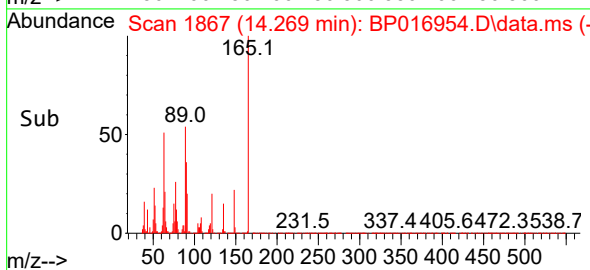
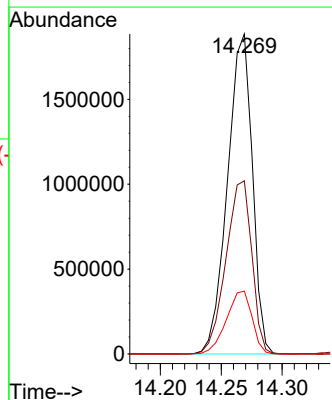
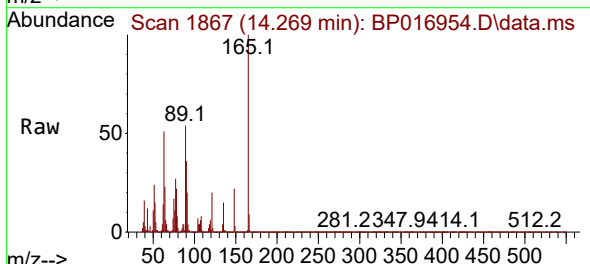
Instrument :
BNA_P
ClientSampleId :
SSTD160601

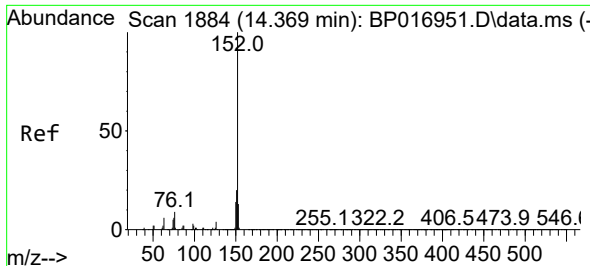
Tgt Ion:163 Resp:11331725
Ion Ratio Lower Upper
163 100
194 4.6 3.1 4.7
164 10.7 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 176.074 ng/ul
RT: 14.269 min Scan# 1867
Delta R.T. 0.024 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

Tgt Ion:165 Resp: 2680884
Ion Ratio Lower Upper
165 100
89 54.1 50.0 75.0
121 19.7 17.8 26.6

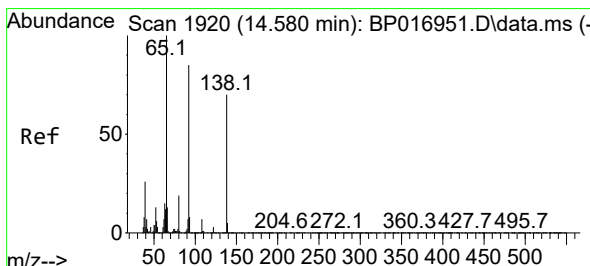
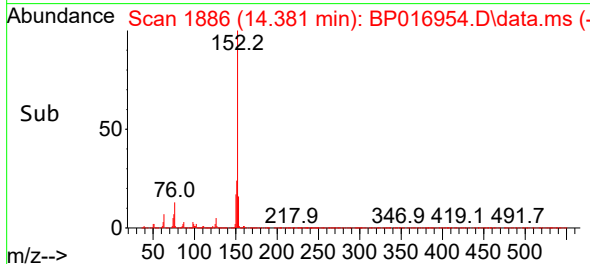
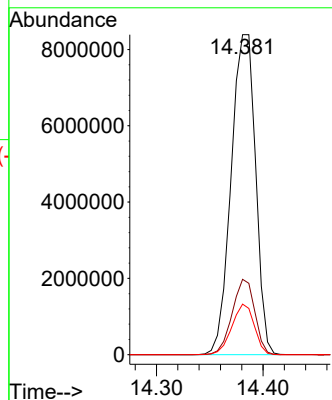
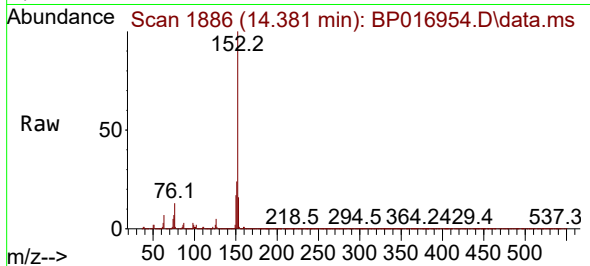




#50
Acenaphthylene
Concen: 138.803 ng/ul
RT: 14.381 min Scan# 1886
Delta R.T. 0.012 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

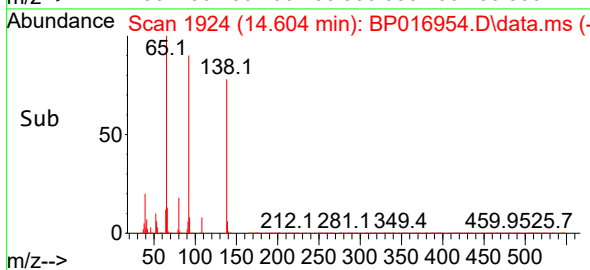
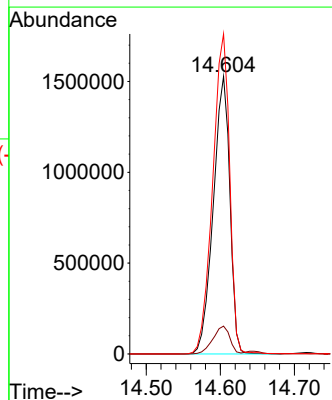
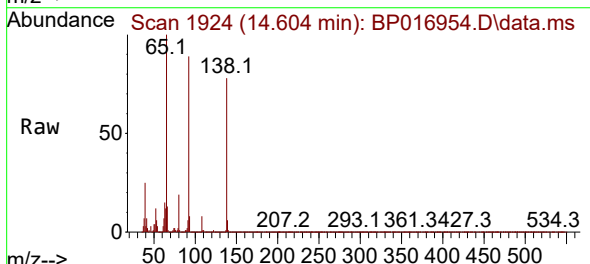
Instrument :
BNA_P
ClientSampleId :
SSTD160601

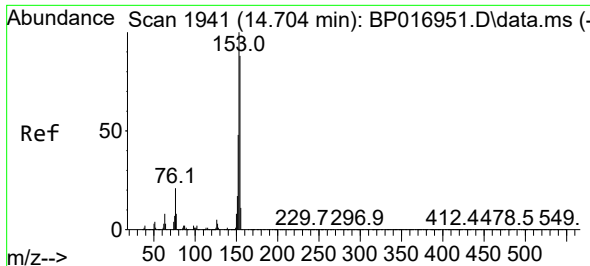
Tgt Ion:152 Resp:13402341
Ion Ratio Lower Upper
152 100
151 23.5 15.9 23.9
153 15.8 10.5 15.7#



#51
3-Nitroaniline
Concen: 155.955 ng/ul
RT: 14.604 min Scan# 1924
Delta R.T. 0.024 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

Tgt Ion:138 Resp: 2369748
Ion Ratio Lower Upper
138 100
108 10.1 8.4 12.6
92 115.3 97.2 145.8

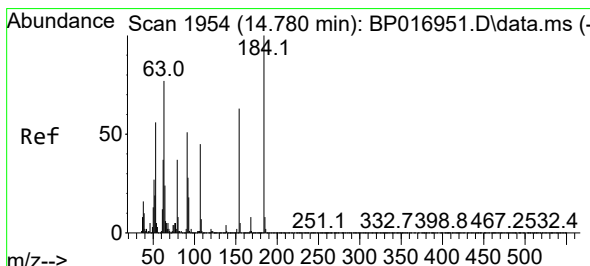
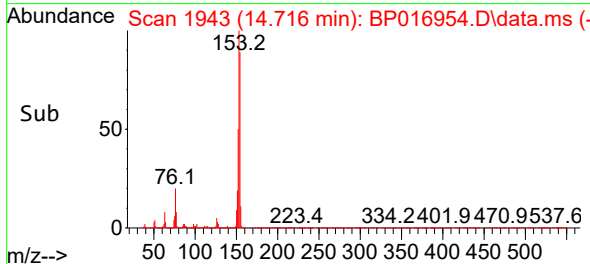
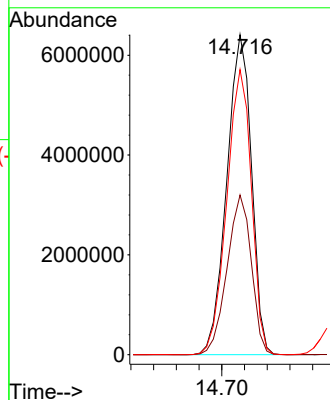
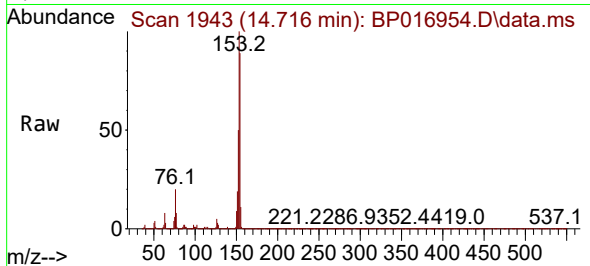




#52
Acenaphthene
Concen: 143.892 ng/ul
RT: 14.716 min Scan# 1943
Delta R.T. 0.012 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

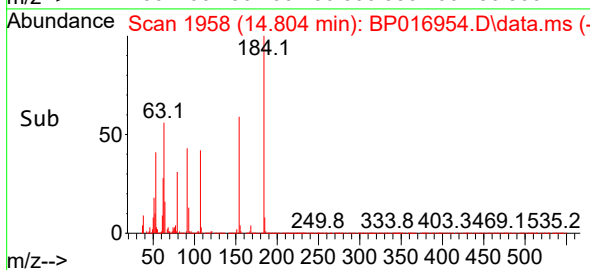
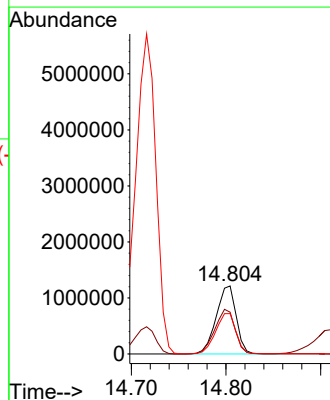
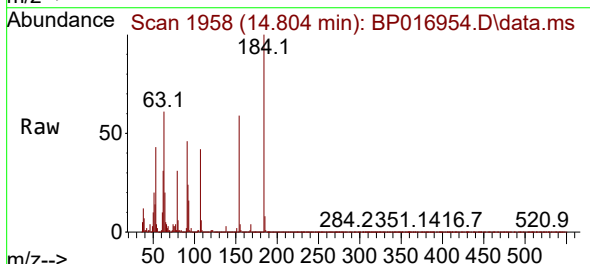
Instrument :
BNA_P
ClientSampleId :
SSTD160601

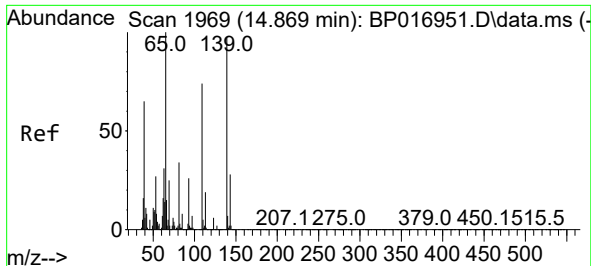
Tgt Ion:153 Resp: 9693686
Ion Ratio Lower Upper
153 100
152 49.9 38.6 57.8
154 89.1 70.2 105.4



#53
2,4-Dinitrophenol
Concen: 188.739 ng/ul
RT: 14.804 min Scan# 1958
Delta R.T. 0.024 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

Tgt Ion:184 Resp: 1781758
Ion Ratio Lower Upper
184 100
63 61.4 61.6 92.4#
154 59.4 50.8 76.2

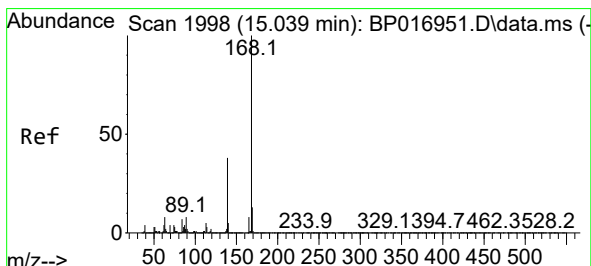
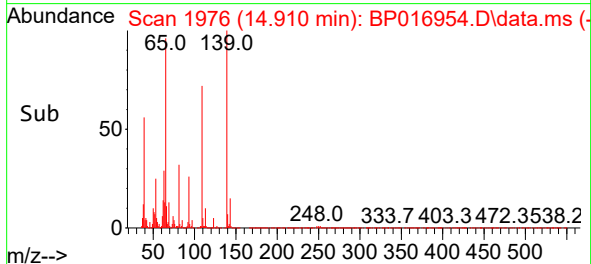
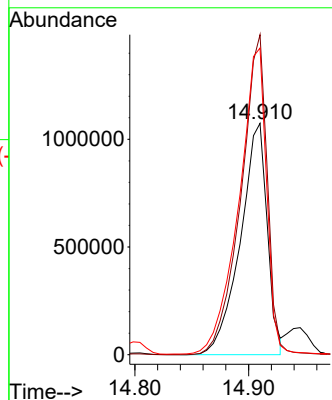
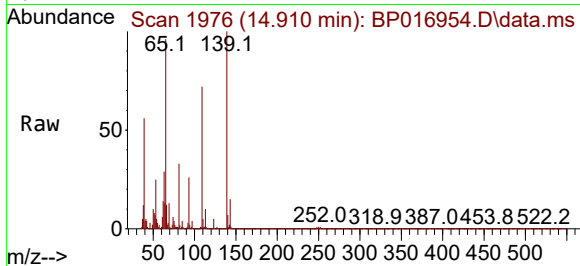




#55
4-Nitrophenol
Concen: 151.083 ng/ul
RT: 14.910 min Scan# 1969
Delta R.T. 0.042 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

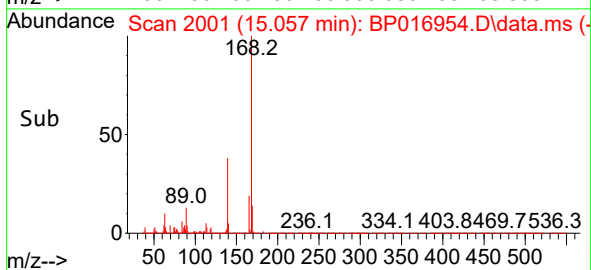
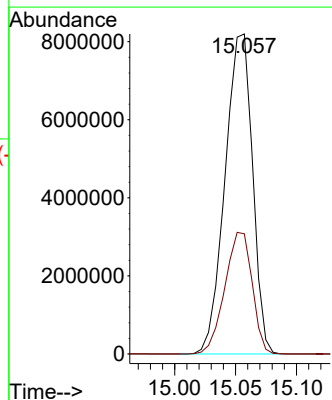
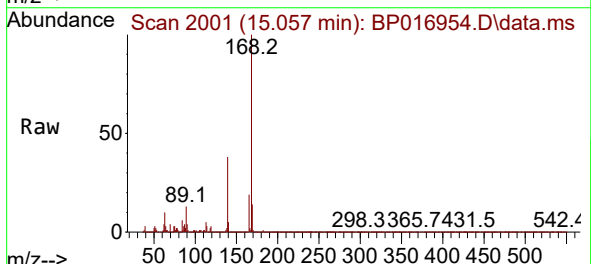
Instrument :
BNA_P
ClientSampleId :
SSTD160601

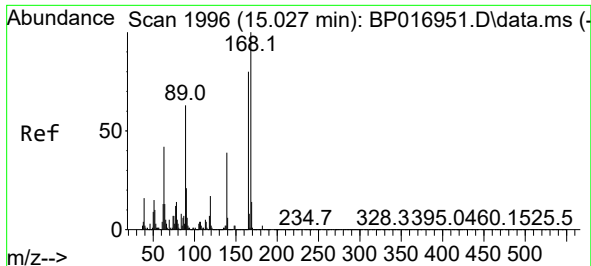
Tgt Ion:109 Resp: 1764914
Ion Ratio Lower Upper
109 100
139 138.3 105.0 157.4
65 132.6 108.4 162.6



#56
Dibenzofuran
Concen: 139.206 ng/ul
RT: 15.057 min Scan# 2001
Delta R.T. 0.018 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

Tgt Ion:168 Resp:12894753
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1

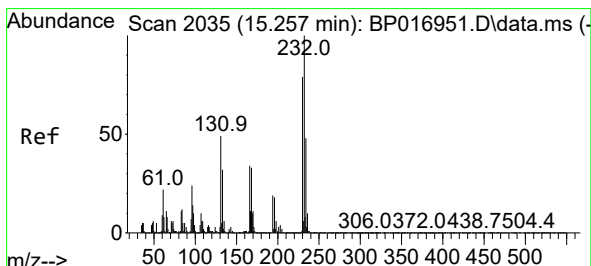
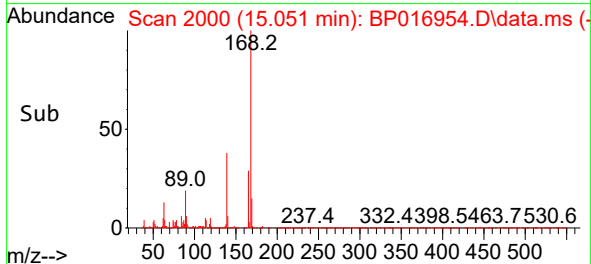
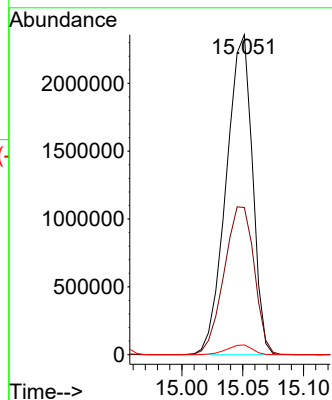
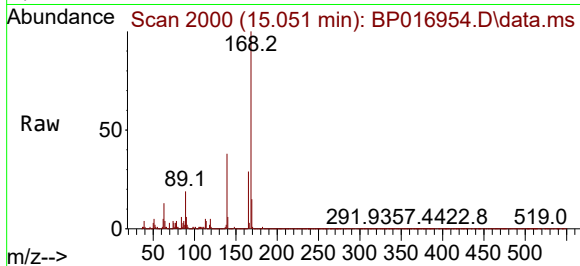




#57
2,4-Dinitrotoluene
Concen: 161.814 ng/ul
RT: 15.051 min Scan# 2000
Delta R.T. 0.024 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

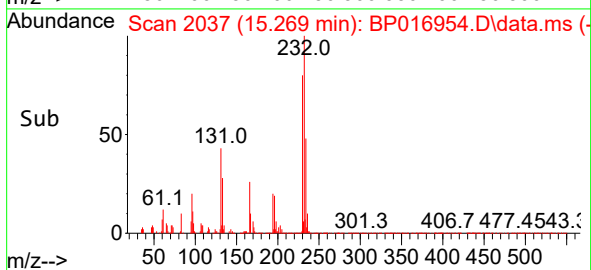
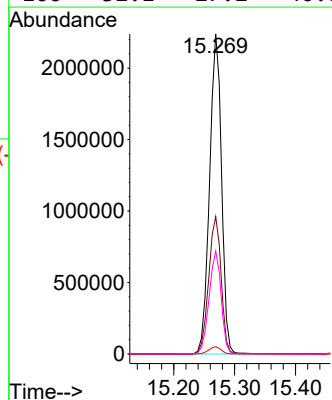
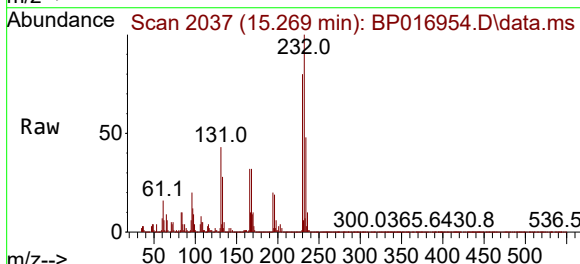
Instrument :
BNA_P
ClientSampleId :
SSTD160601

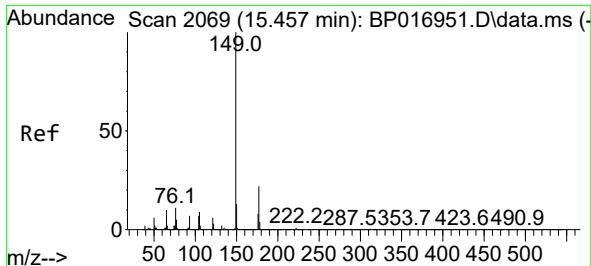
Tgt Ion:165 Resp: 3536621
Ion Ratio Lower Upper
165 100
63 46.0 42.1 63.1
182 3.1 2.3 3.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 173.376 ng/ul
RT: 15.269 min Scan# 2037
Delta R.T. 0.012 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

Tgt Ion:232 Resp: 3061557
Ion Ratio Lower Upper
232 100
131 42.9 39.2 58.8
130 2.3 2.0 3.0
166 32.1 27.2 40.8

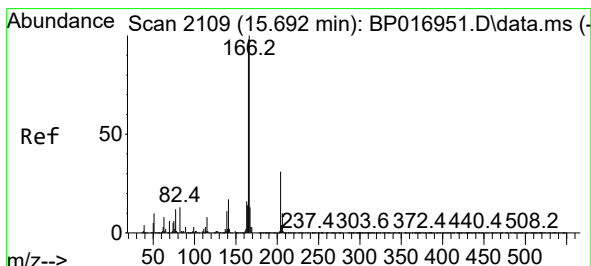
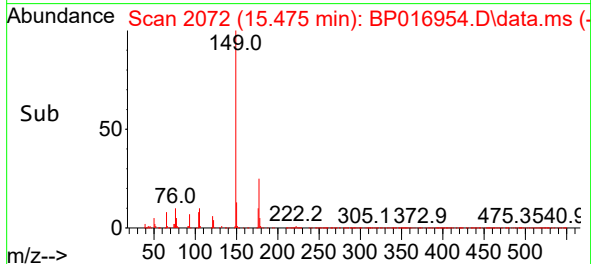
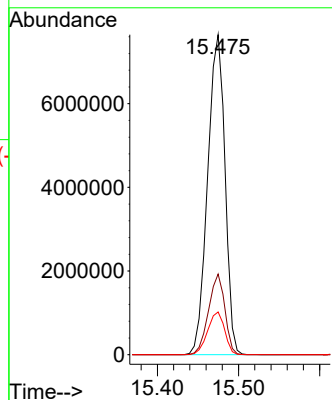
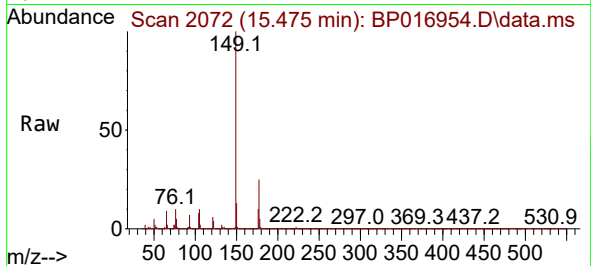




#59
Diethylphthalate
Concen: 144.657 ng/ul
RT: 15.475 min Scan# 2069
Delta R.T. 0.018 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

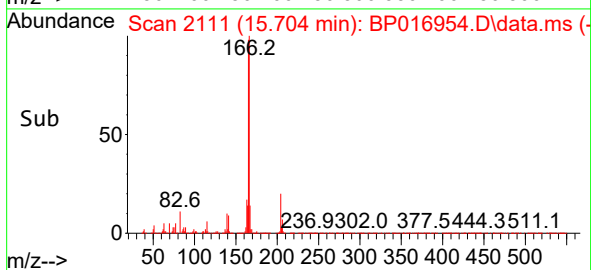
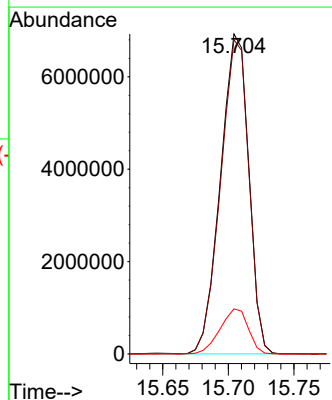
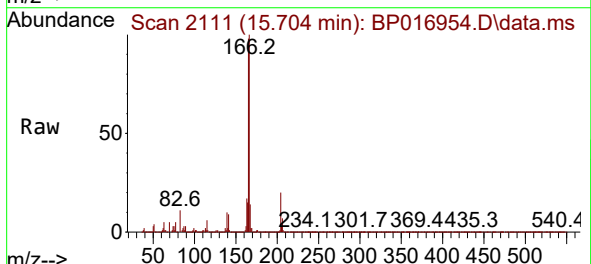
Instrument :
BNA_P
ClientSampleId :
SSTD160601

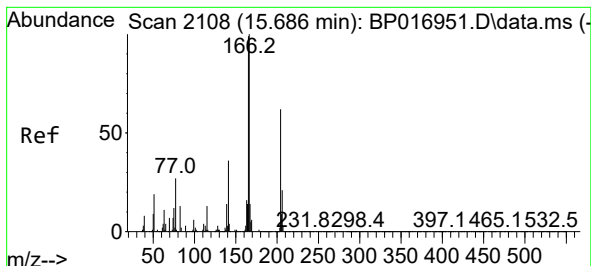
Tgt Ion:149 Resp:11333331
Ion Ratio Lower Upper
149 100
177 25.2 17.3 25.9
150 13.4 10.1 15.1



#61
Fluorene
Concen: 136.023 ng/ul
RT: 15.704 min Scan# 2111
Delta R.T. 0.012 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

Tgt Ion:166 Resp:10388043
Ion Ratio Lower Upper
166 100
165 98.2 78.3 117.5
167 14.1 10.6 16.0

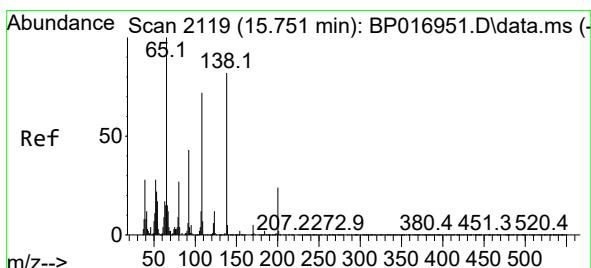
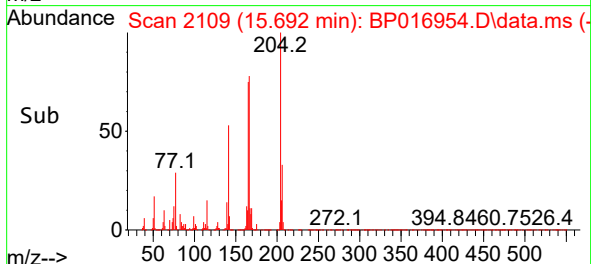
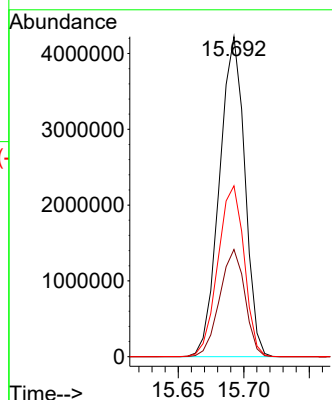
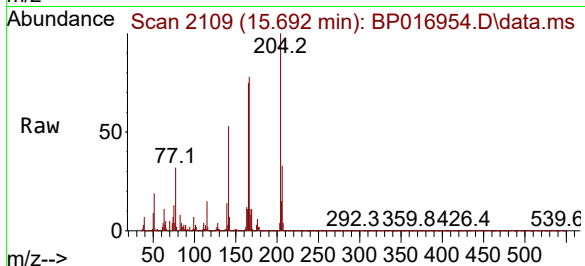




#62
4-Chlorophenyl-phenylether
Concen: 154.056 ng/ul
RT: 15.692 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

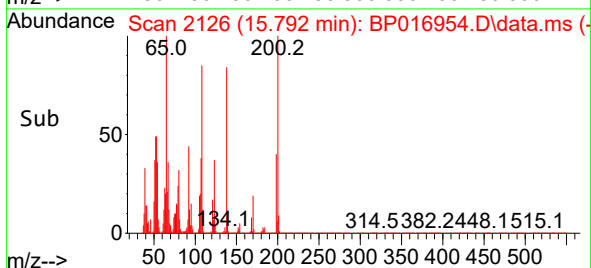
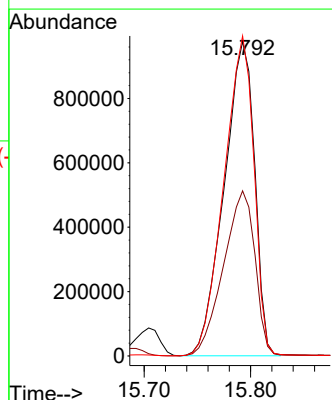
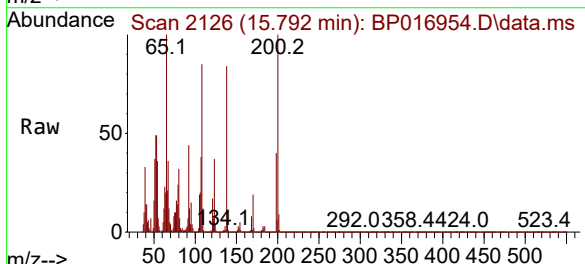
Instrument :
BNA_P
ClientSampleId :
SSTD160601

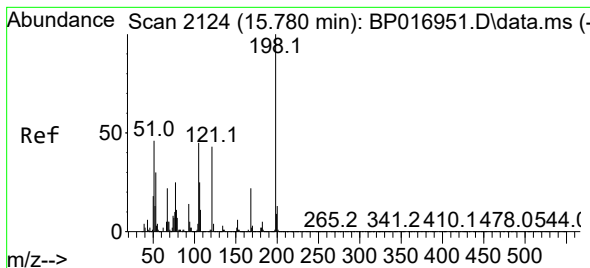
Tgt Ion:204 Resp: 5685799
Ion Ratio Lower Upper
204 100
206 33.5 26.4 39.6
141 53.4 46.2 69.4



#63
4-Nitroaniline
Concen: 145.574 ng/ul
RT: 15.792 min Scan# 2126
Delta R.T. 0.042 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

Tgt Ion:138 Resp: 1944825
Ion Ratio Lower Upper
138 100
92 52.5 41.9 62.9
108 101.8 70.3 105.5

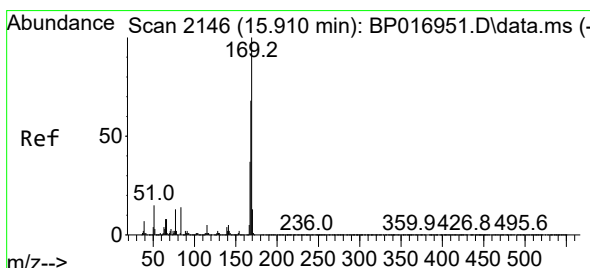
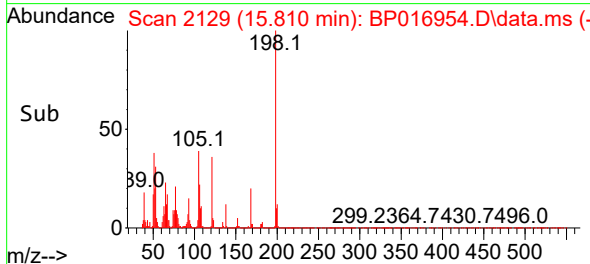
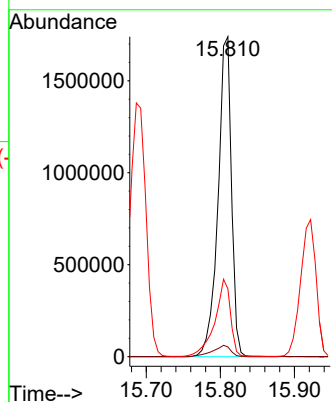
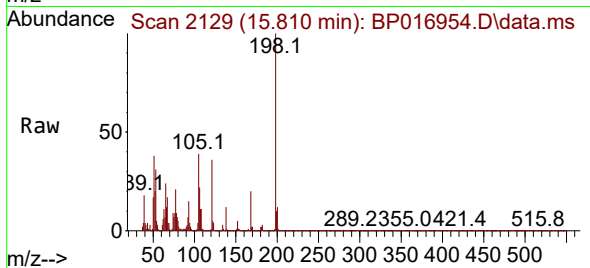




#66
4,6-Dinitro-2-methylphenol
Concen: 175.878 ng/ul
RT: 15.810 min Scan# 2129
Delta R.T. 0.030 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

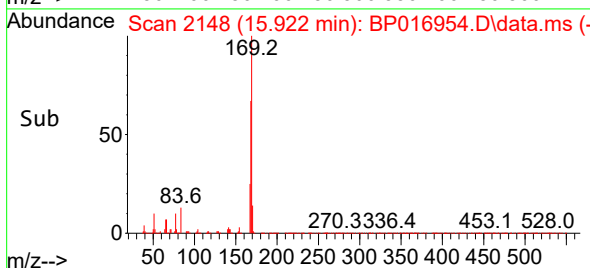
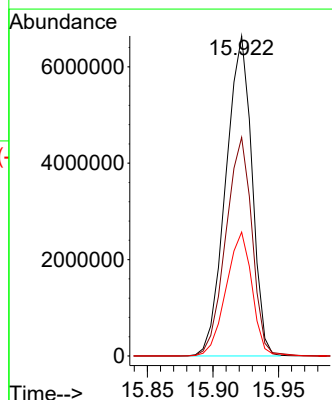
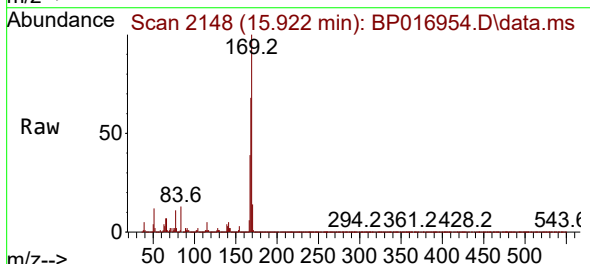
Instrument :
BNA_P
ClientSampleId :
SSTD160601

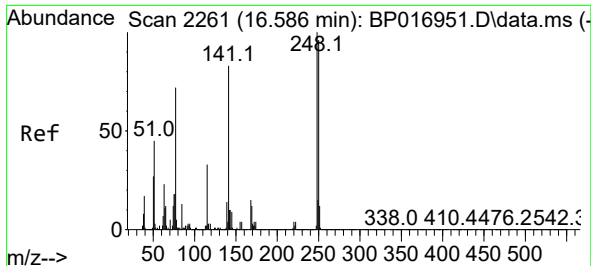
Tgt Ion:198 Resp: 2193644
Ion Ratio Lower Upper
198 100
182 3.1 3.6 5.4#
77 21.2 21.4 32.0#



#67
N-Nitrosodiphenylamine
Concen: 153.925 ng/ul
RT: 15.922 min Scan# 2148
Delta R.T. 0.012 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

Tgt Ion:169 Resp: 9181619
Ion Ratio Lower Upper
169 100
168 68.3 54.2 81.4
167 38.7 29.4 44.2

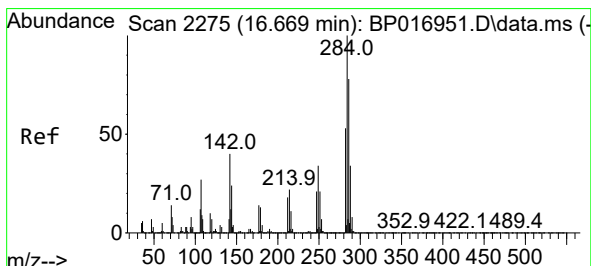
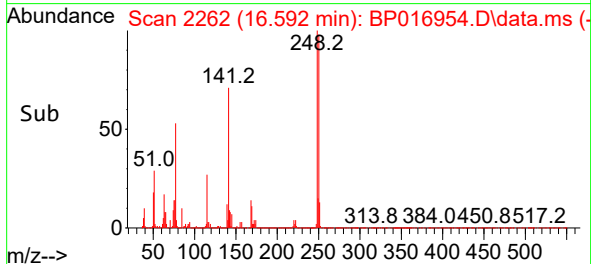
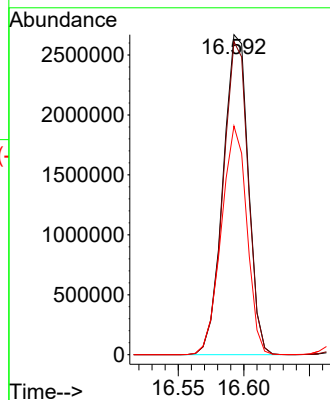
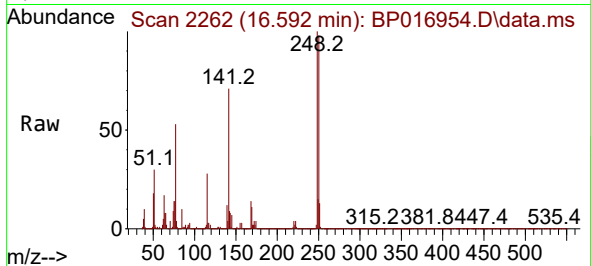




#68
4-Bromophenyl-phenylether
Concen: 181.895 ng/ul
RT: 16.592 min Scan# 2262
Delta R.T. 0.006 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

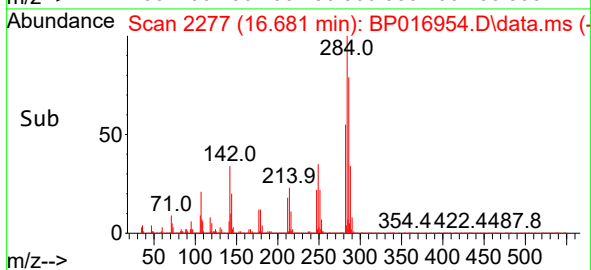
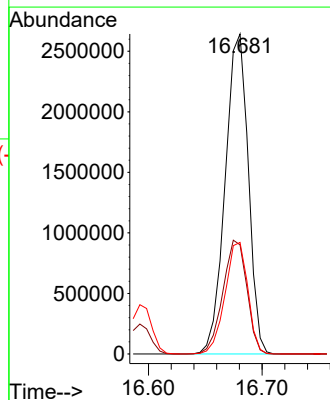
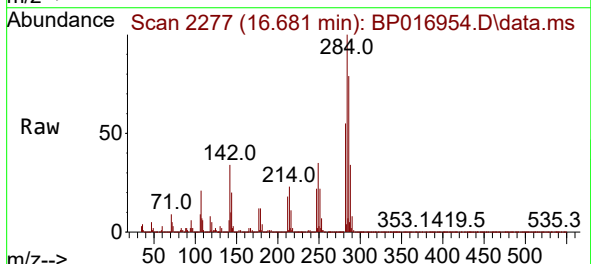
Instrument :
BNA_P
ClientSampleId :
SSTD160601

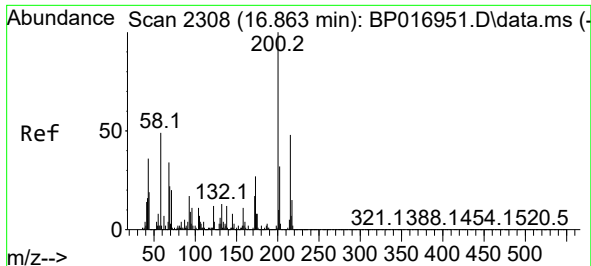
Tgt Ion:248 Resp: 3579876
Ion Ratio Lower Upper
248 100
250 97.8 76.8 115.2
141 71.4 66.3 99.5



#69
Hexachlorobenzene
Concen: 172.929 ng/ul
RT: 16.681 min Scan# 2277
Delta R.T. 0.012 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

Tgt Ion:284 Resp: 3730758
Ion Ratio Lower Upper
284 100
142 34.1 31.9 47.9
249 34.9 27.0 40.6

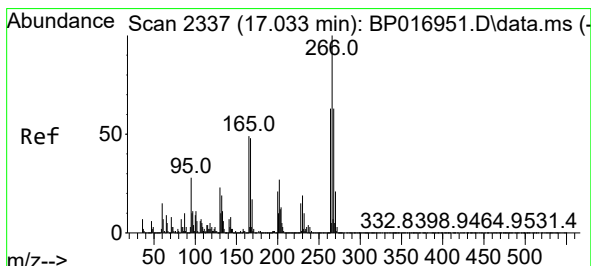
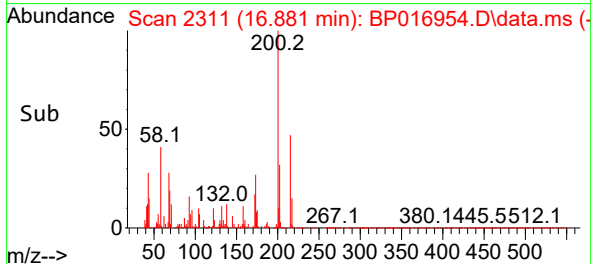
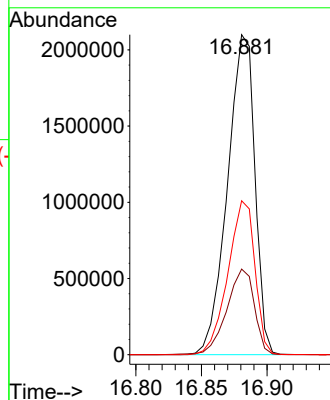
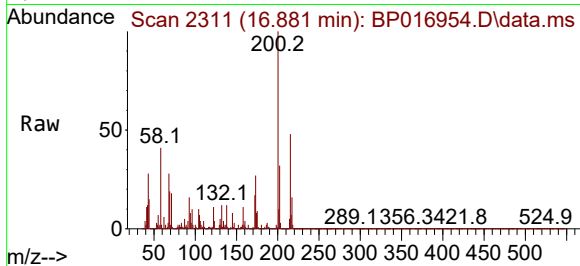




#70
Atrazine
Concen: 149.565 ng/ul
RT: 16.881 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

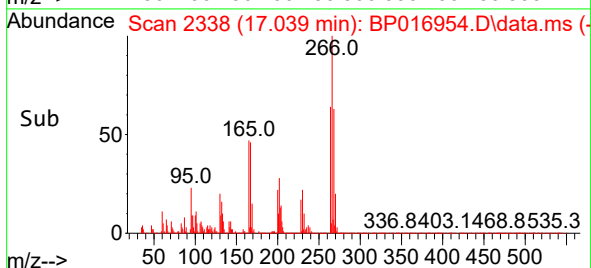
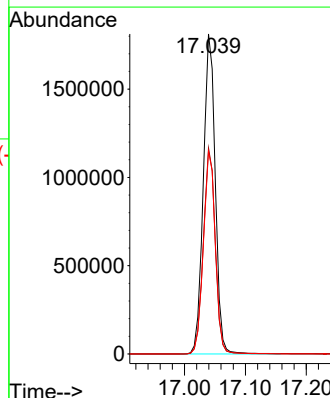
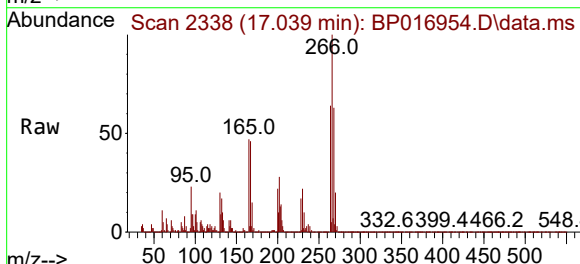
Instrument :
BNA_P
ClientSampleId :
SSTD160601

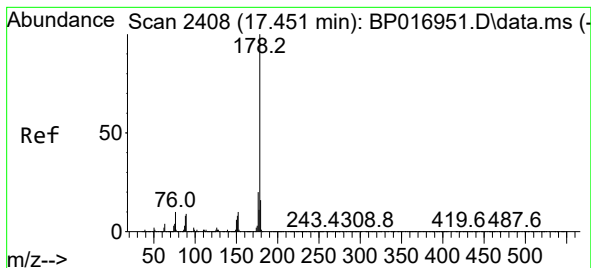
Tgt Ion:200 Resp: 3054579
Ion Ratio Lower Upper
200 100
173 26.8 21.8 32.8
215 48.1 38.3 57.5



#71
Pentachlorophenol
Concen: 175.330 ng/ul
RT: 17.039 min Scan# 2338
Delta R.T. 0.006 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

Tgt Ion:266 Resp: 2466677
Ion Ratio Lower Upper
266 100
264 64.4 50.4 75.6
268 63.4 50.4 75.6





#72

Phenanthrene

Concen: 136.368 ng/ul

RT: 17.463 min Scan# 2410

Delta R.T. 0.012 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

Instrument :

BNA_P

ClientSampleId :

SSTD160601

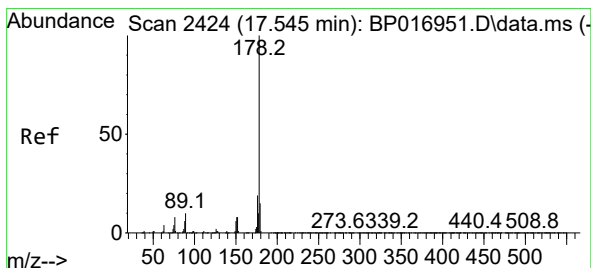
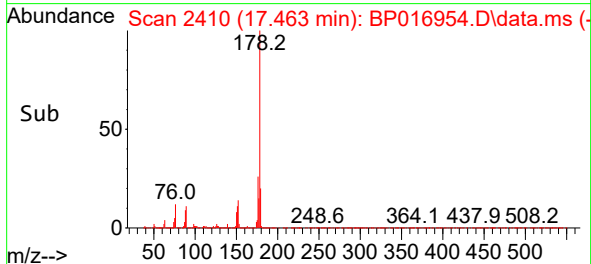
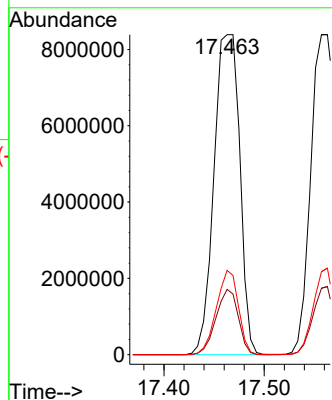
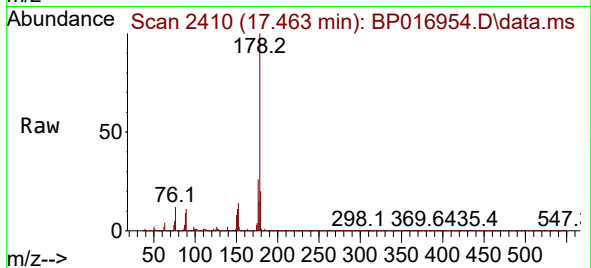
Tgt Ion:178 Resp:14990144

Ion Ratio Lower Upper

178 100

179 20.4 12.5 18.7#

176 26.3 15.8 23.8#



#74

Anthracene

Concen: 128.183 ng/ul

RT: 17.557 min Scan# 2426

Delta R.T. 0.012 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

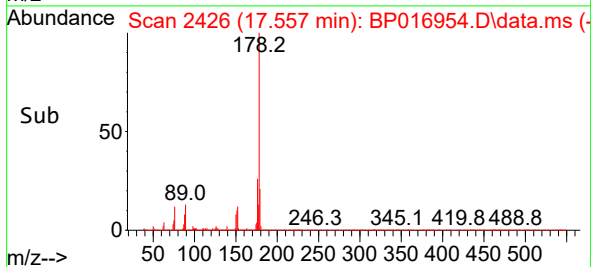
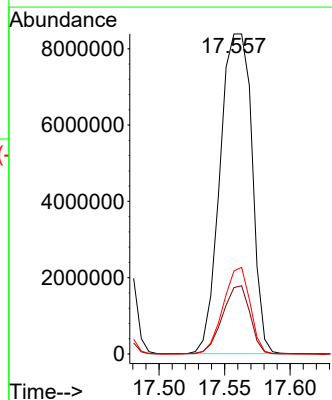
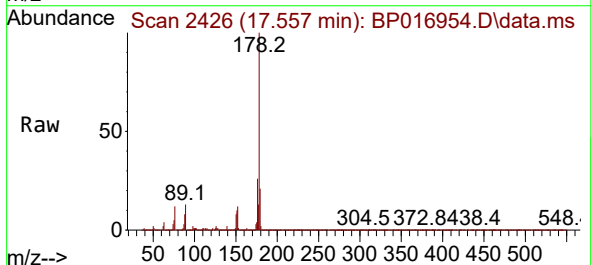
Tgt Ion:178 Resp:14164456

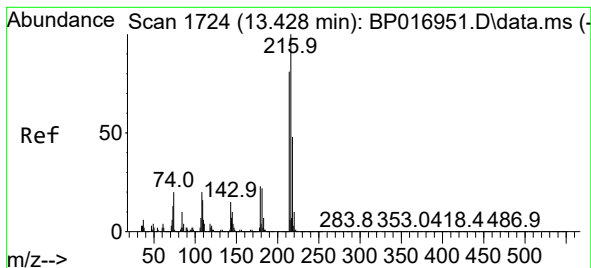
Ion Ratio Lower Upper

178 100

179 20.8 12.3 18.5#

176 25.9 15.0 22.6#





#75

1,2,3,4-Tetrachlorobenzene

Concen: 180.273 ng/uL

RT: 13.434 min Scan# 1725

Delta R.T. 0.006 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

Instrument :

BNA_P

ClientSampleId :

SSTD160601

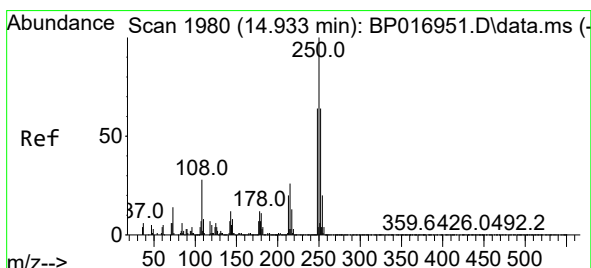
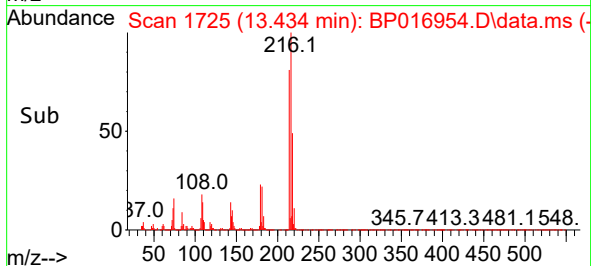
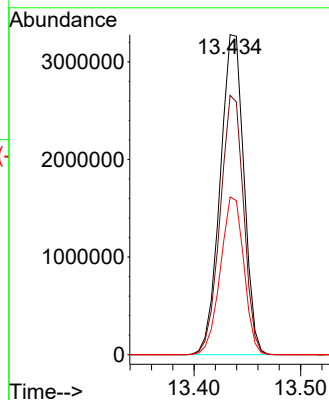
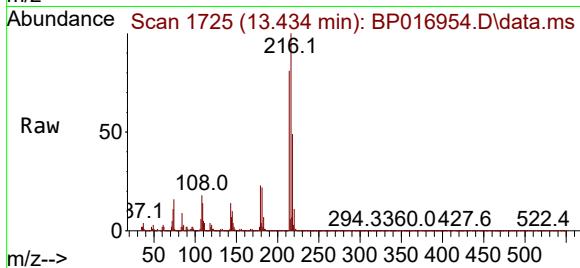
Tgt Ion:216 Resp: 5079897

Ion Ratio Lower Upper

216 100

214 81.0 64.5 96.7

218 49.3 38.6 57.8



#76

Pentachlorobenzene

Concen: 173.504 ng/uL

RT: 14.945 min Scan# 1982

Delta R.T. 0.012 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

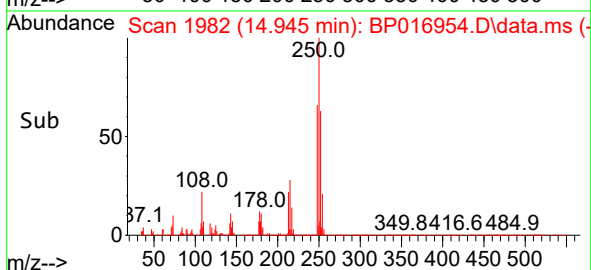
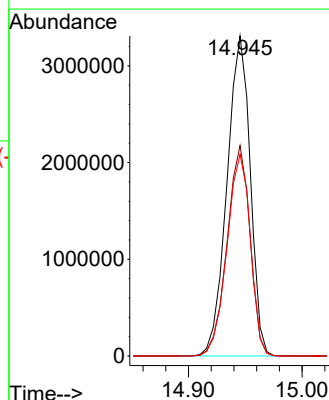
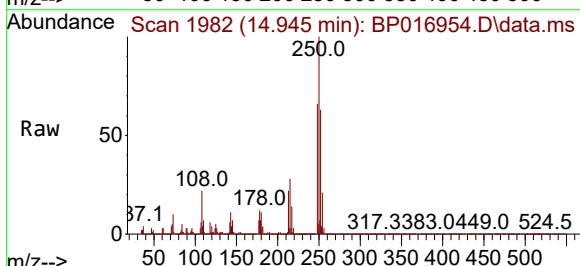
Tgt Ion:250 Resp: 4709447

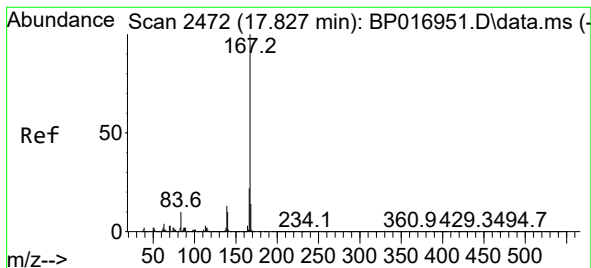
Ion Ratio Lower Upper

250 100

248 65.8 51.2 76.8

252 63.0 50.9 76.3





#77

Carbazole

Concen: 138.697 ng/ul

RT: 17.839 min Scan# 2472

Delta R.T. 0.012 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

Instrument :

BNA_P

ClientSampleId :

SSTD160601

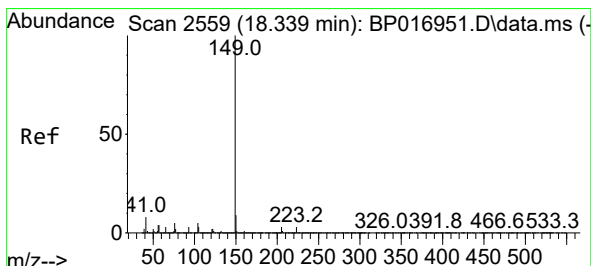
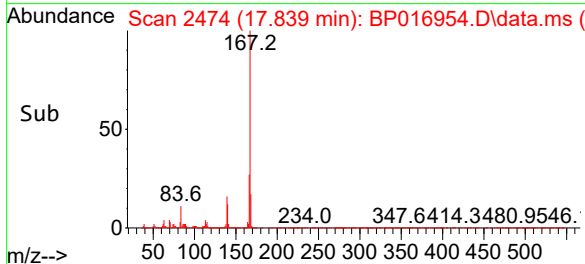
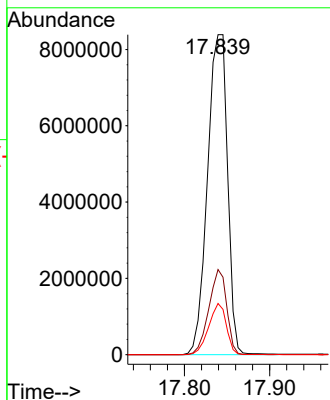
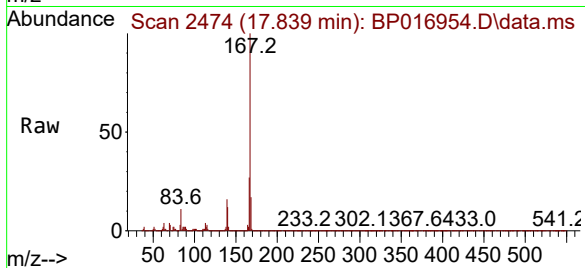
Tgt Ion:167 Resp:13772717

Ion Ratio Lower Upper

167 100

166 26.6 17.3 25.9#

139 16.0 10.3 15.5#



#78

Di-n-butylphthalate

Concen: 111.748 ng/ul

RT: 18.339 min Scan# 2559

Delta R.T. 0.000 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

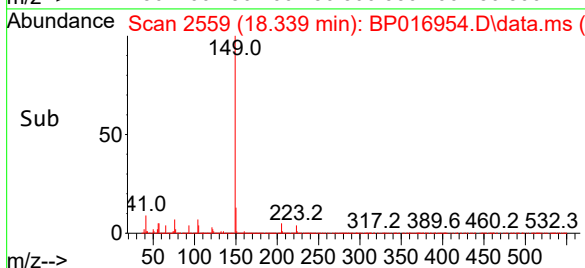
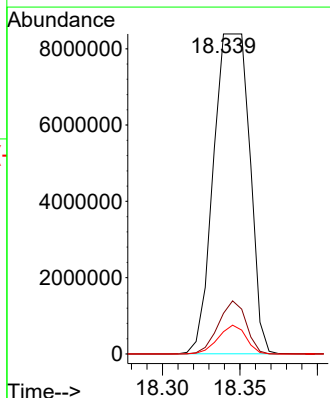
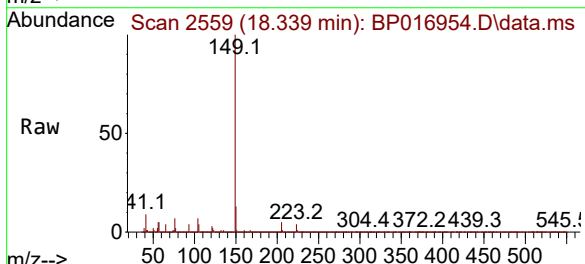
Tgt Ion:149 Resp:13594485

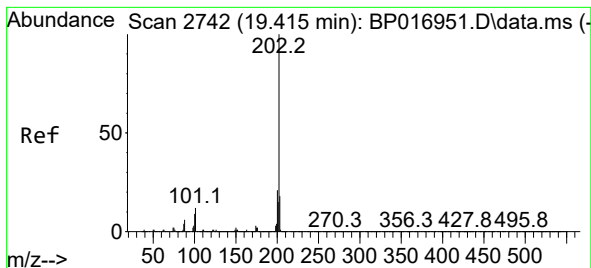
Ion Ratio Lower Upper

149 100

150 12.7 7.4 11.2#

104 6.9 4.2 6.4#





#80

Fluoranthene

Concen: 155.684 ng/ul

RT: 19.422 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

Instrument :

BNA_P

ClientSampleId :

SSTD160601

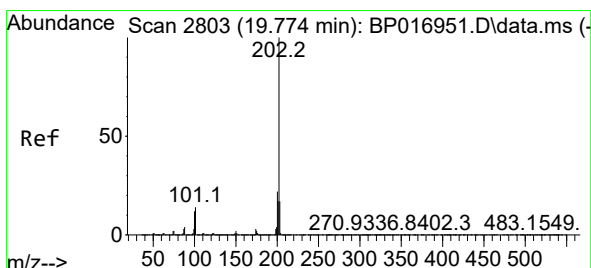
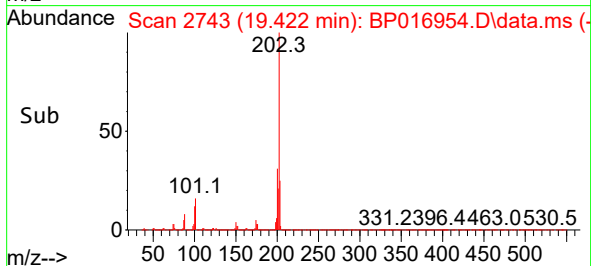
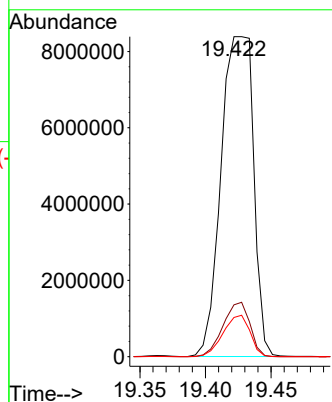
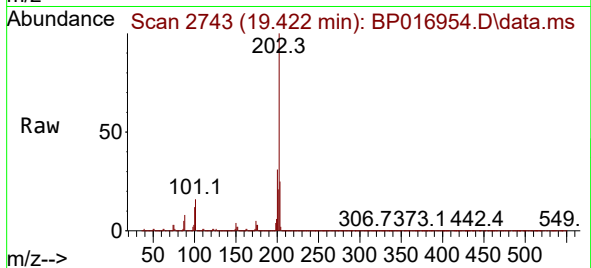
Tgt Ion:202 Resp:14466552

Ion Ratio Lower Upper

202 100

101 16.2 10.0 15.0#

100 12.3 7.5 11.3#



#82

Pyrene

Concen: 143.184 ng/ul

RT: 19.780 min Scan# 2804

Delta R.T. 0.006 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

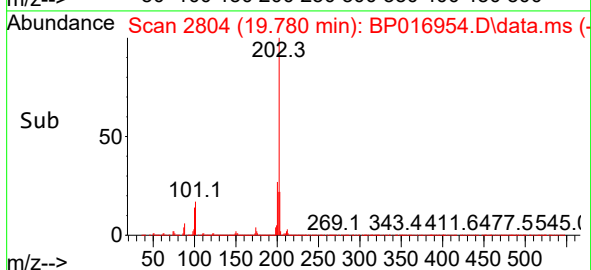
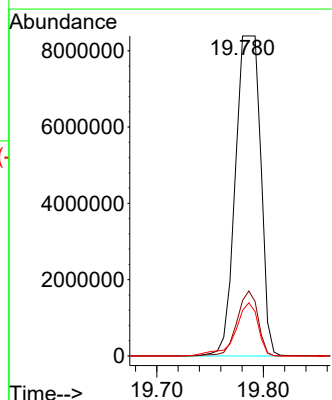
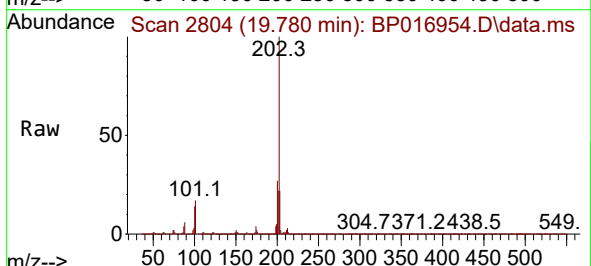
Tgt Ion:202 Resp:13814320

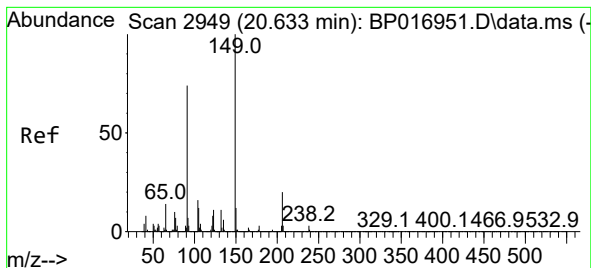
Ion Ratio Lower Upper

202 100

101 17.4 11.3 16.9#

100 14.2 9.4 14.0#





#83

Butylbenzylphthalate

Concen: 175.768 ng/ul

RT: 20.639 min Scan# 2949

Delta R.T. 0.006 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

Instrument :

BNA_P

ClientSampleId :

SSTD160601

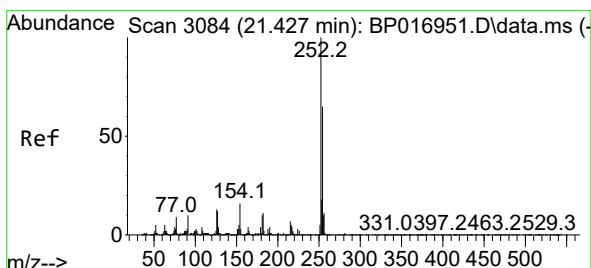
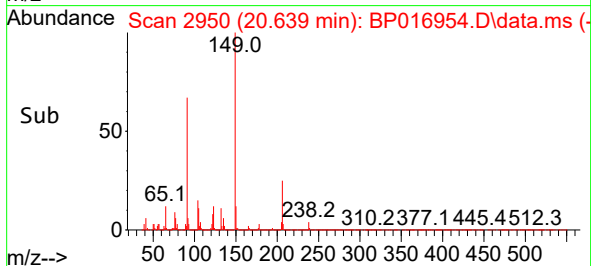
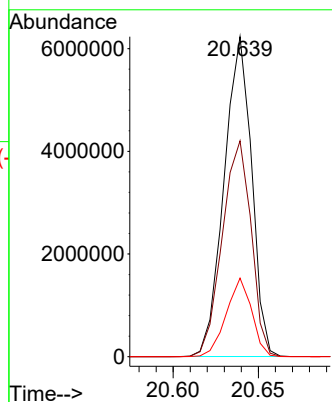
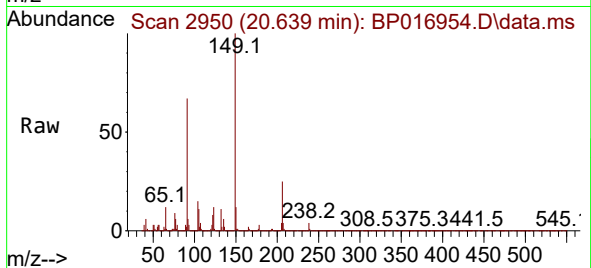
Tgt Ion:149 Resp: 7013020

Ion Ratio Lower Upper

149 100

91 67.5 59.1 88.7

206 24.5 15.7 23.5#



#84

3,3'-Dichlorobenzidine

Concen: 159.164 ng/ul

RT: 21.439 min Scan# 3086

Delta R.T. 0.012 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

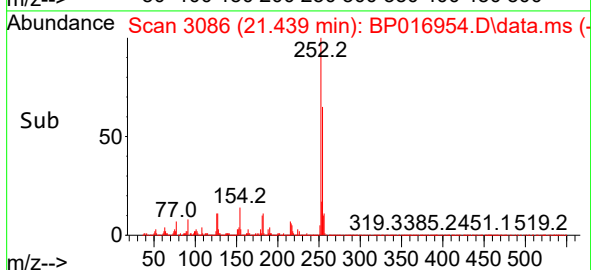
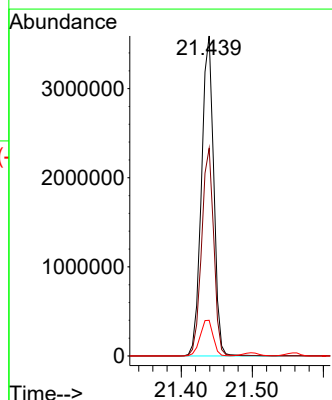
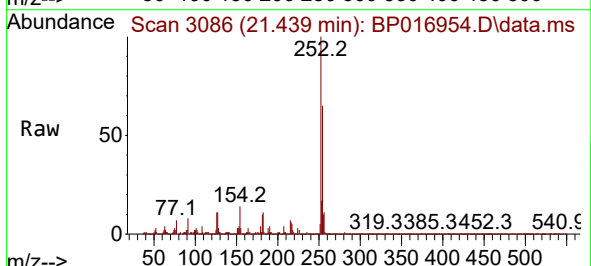
Tgt Ion:252 Resp: 4315787

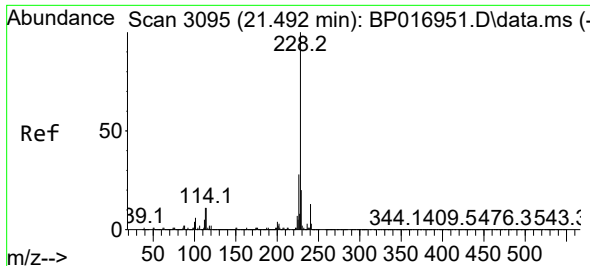
Ion Ratio Lower Upper

252 100

254 64.9 51.8 77.6

126 11.1 10.4 15.6

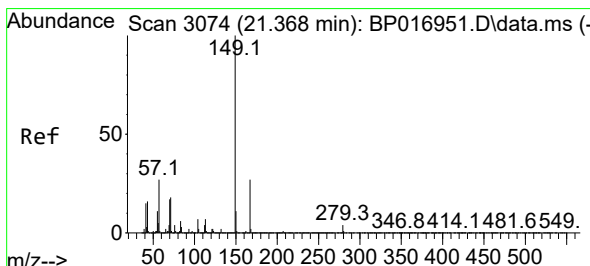
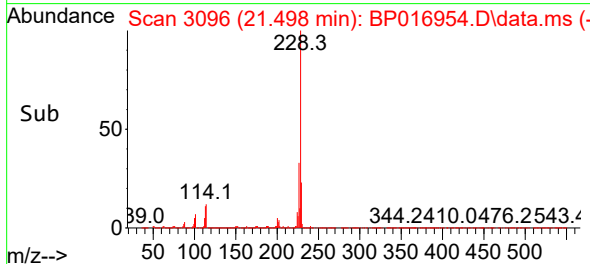
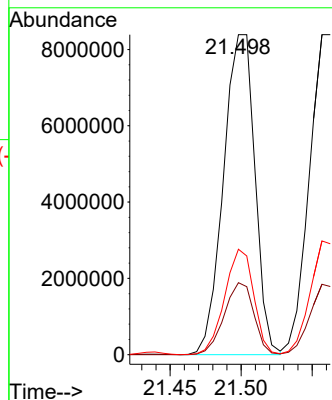
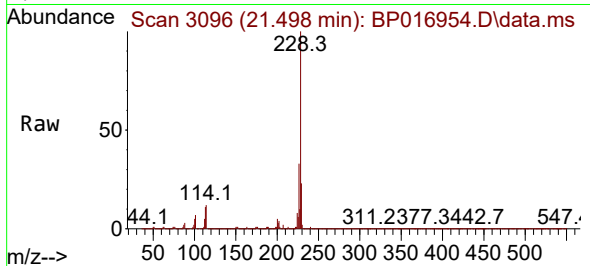




#85
Benzo(a)anthracene
Concen: 150.186 ng/ul
RT: 21.498 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

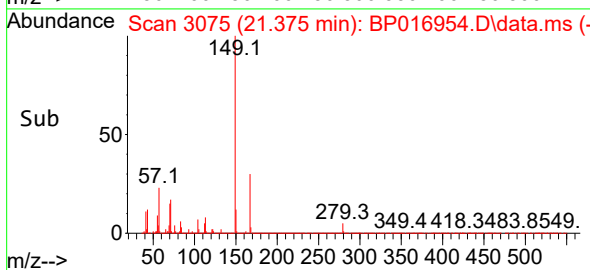
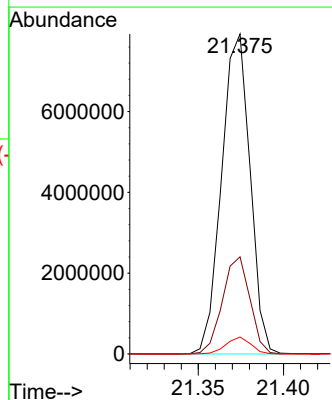
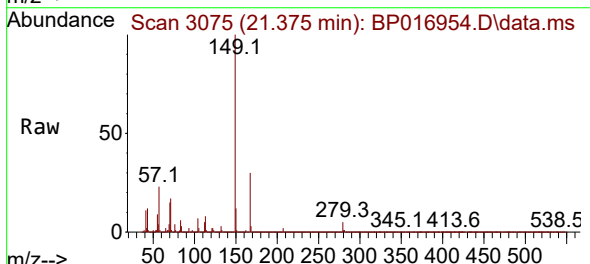
Instrument :
BNA_P
ClientSampleId :
SSTD160601

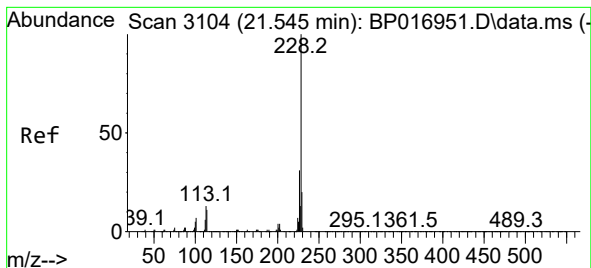
Tgt Ion:228 Resp:12923337
Ion Ratio Lower Upper
228 100
229 22.5 15.8 23.8
226 32.9 22.2 33.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 167.157 ng/ul
RT: 21.375 min Scan# 3075
Delta R.T. 0.006 min
Lab File: BP016954.D
Acq: 05 Sep 2023 14:24

Tgt Ion:149 Resp: 9213874
Ion Ratio Lower Upper
149 100
167 30.4 21.4 32.2
279 5.3 3.0 4.4#





#87

Chrysene

Concen: 146.314 ng/ul

RT: 21.557 min Scan# 3106

Delta R.T. 0.012 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

Instrument :

BNA_P

ClientSampleId :

SSTD160601

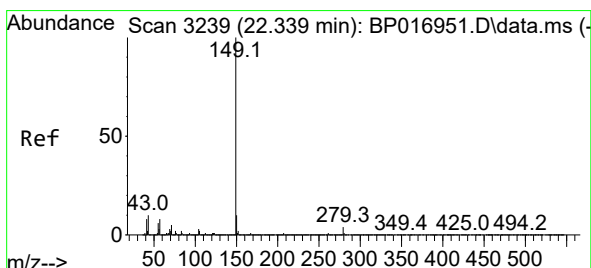
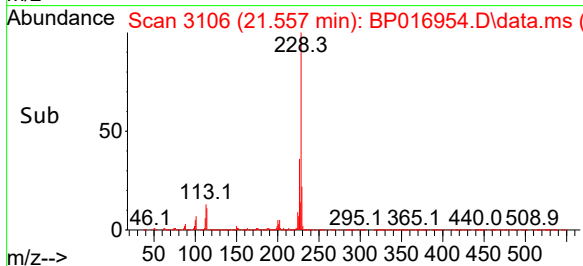
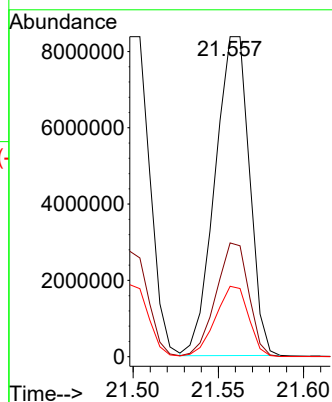
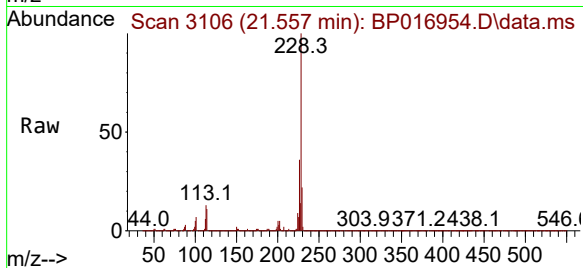
Tgt Ion:228 Resp:11777121

Ion Ratio Lower Upper

228 100

226 35.5 24.6 36.8

229 22.0 15.9 23.9



#89

Di-n-octyl phthalate

Concen: 146.177 ng/ul

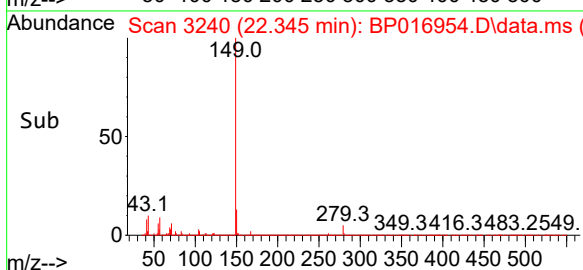
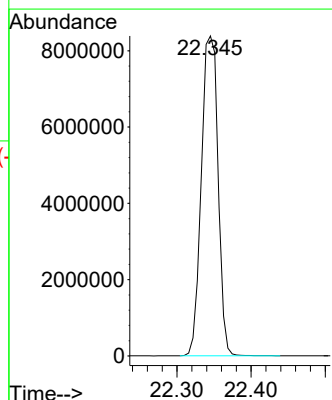
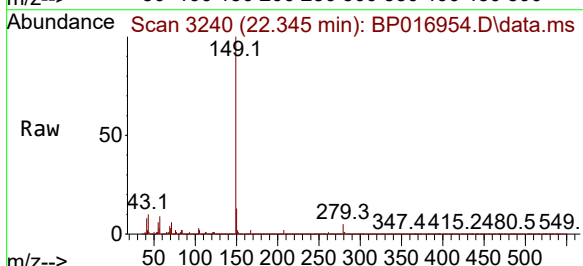
RT: 22.345 min Scan# 3240

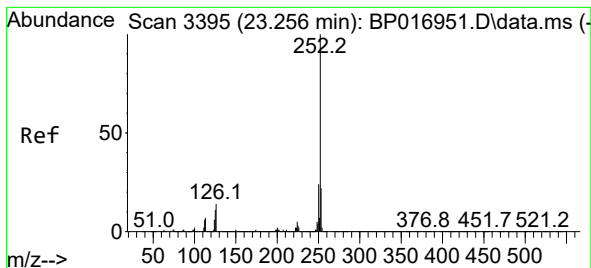
Delta R.T. 0.006 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

Tgt Ion:149 Resp:13131609





#90

Benzo(b)fluoranthene

Concen: 158.095 ng/ul

RT: 23.274 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

Instrument :

BNA_P

ClientSampleId :

SSTD160601

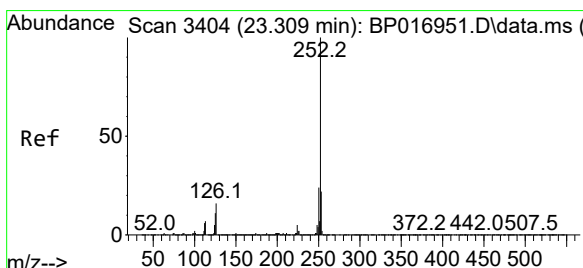
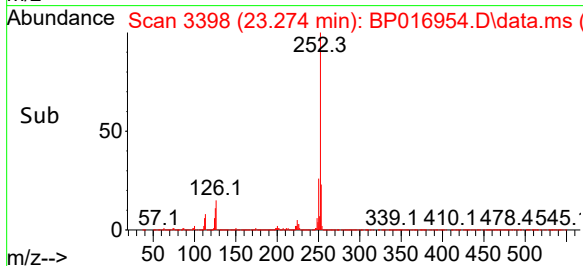
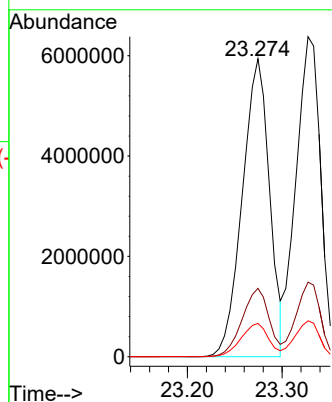
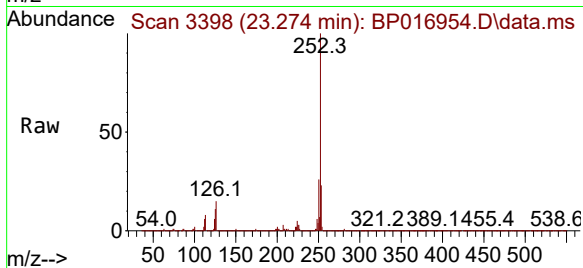
Tgt Ion:252 Resp:11837075

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

125 11.2 8.8 13.2



#91

Benzo(k)fluoranthene

Concen: 159.022 ng/ul

RT: 23.327 min Scan# 3407

Delta R.T. 0.018 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

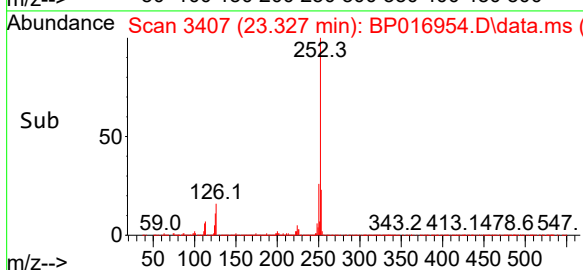
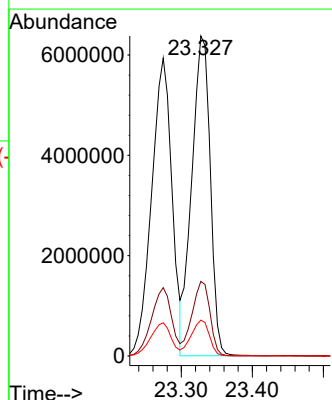
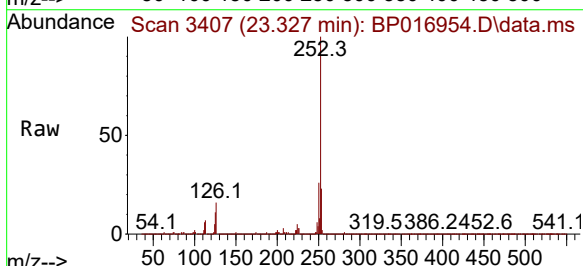
Tgt Ion:252 Resp:11529873

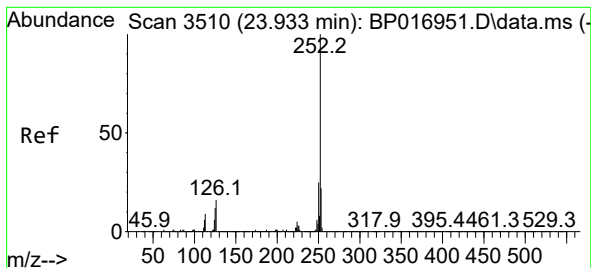
Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 11.2 8.9 13.3





#93

Benzo(a)pyrene

Concen: 166.405 ng/ul

RT: 23.963 min Scan# 3

Delta R.T. 0.030 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

Instrument :

BNA_P

ClientSampleId :

SSTD160601

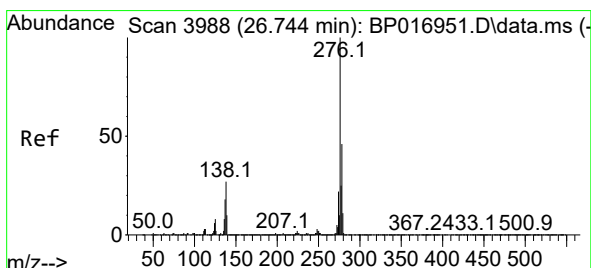
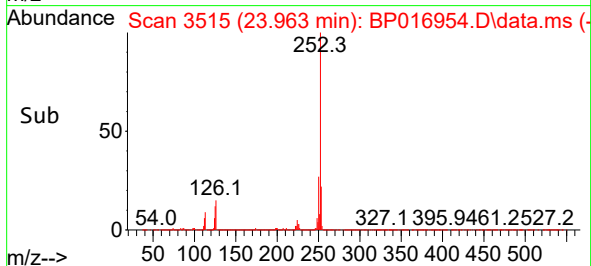
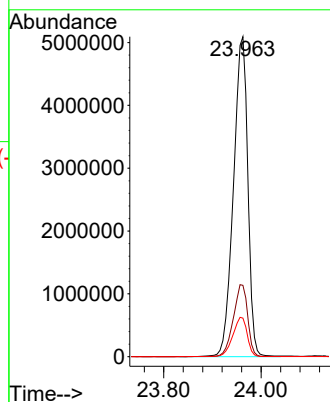
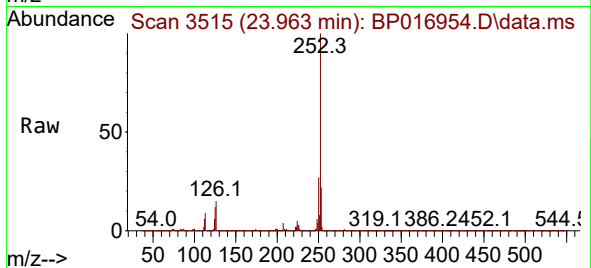
Tgt Ion:252 Resp:10391904

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 12.1 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 207.215 ng/ul

RT: 26.792 min Scan# 3996

Delta R.T. 0.047 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

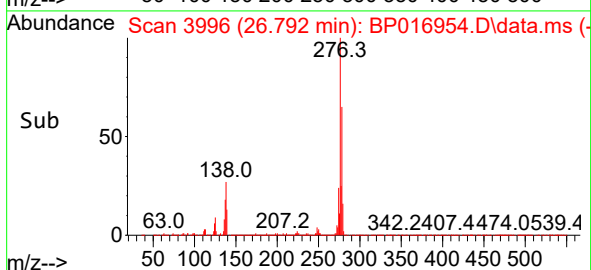
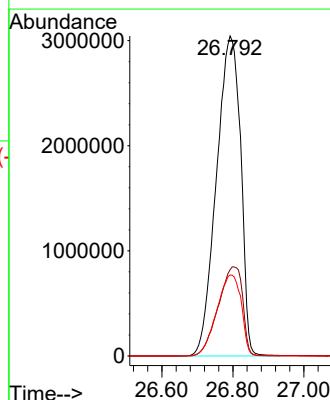
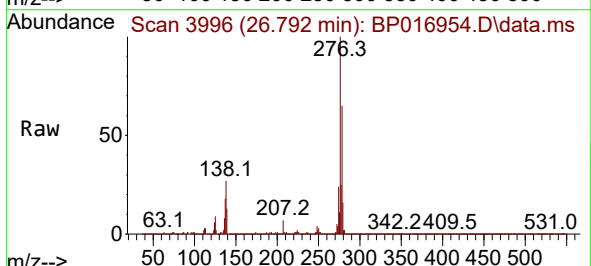
Tgt Ion:276 Resp:14364629

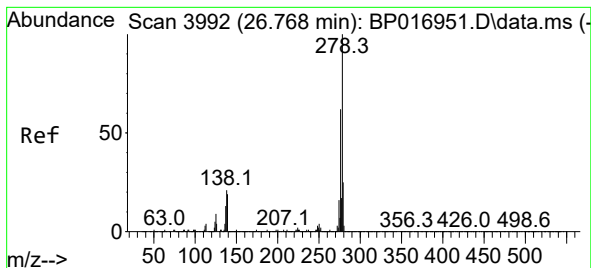
Ion Ratio Lower Upper

276 100

138 26.9 21.4 32.0

277 25.3 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 204.266 ng/ul

RT: 26.821 min Scan# 4001

Delta R.T. 0.053 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

Instrument :

BNA_P

ClientSampleId :

SSTD160601

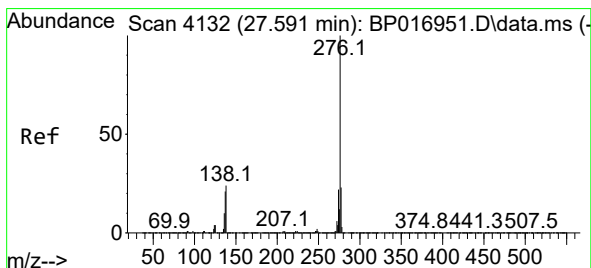
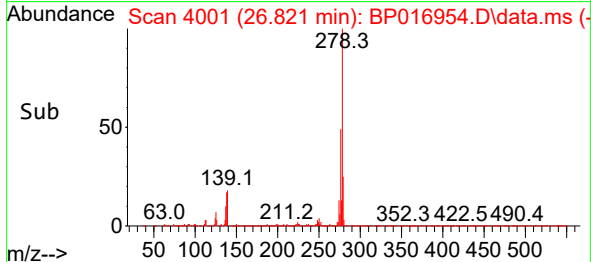
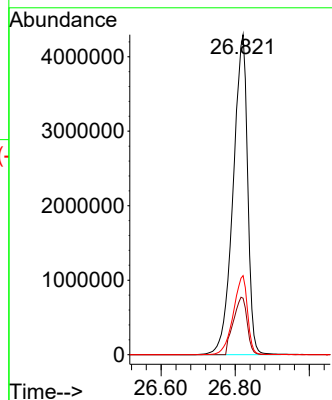
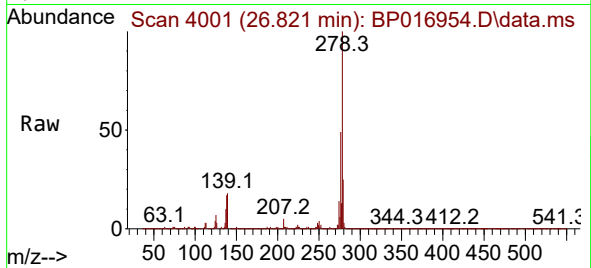
Tgt Ion:278 Resp:11687274

Ion Ratio Lower Upper

278 100

139 17.6 14.9 22.3

279 24.7 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 208.764 ng/ul

RT: 27.645 min Scan# 4141

Delta R.T. 0.053 min

Lab File: BP016954.D

Acq: 05 Sep 2023 14:24

Tgt Ion:276 Resp:11404510

Ion Ratio Lower Upper

276 100

138 24.9 19.5 29.3

277 24.3 18.7 28.1

