

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090523\
 Data File : BP016950.D
 Acq On : 05 Sep 2023 12:06
 Operator : MA/JU
 Sample : SSTD01038
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010646

Quant Time: Sep 06 01:17:46 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	7.981	152	336180	20.000	ng/u1	0.00
20) Naphthalene-d8	10.810	136	1397789	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.640	164	861685	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.410	188	1810051	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	1449699	20.000	ng/u1	0.00
88) Perylene-d12	24.045	264	1262480	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	35101	3.949	ng/uL	0.00
4) Pyridine-d5	3.770	84	235857	9.288	ng/u1	0.00
7) Phenol-d5	7.128	99	285218	9.286	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	188288	9.801	ng/u1	0.00
11) 2-Chlorophenol-d4	7.505	132	215830	9.710	ng/u1	0.00
15) 4-Methylphenol-d8	8.693	113	217360	9.289	ng/u1	0.00
21) Nitrobenzene-d5	9.181	128	102635	9.465	ng/u1	0.00
24) 2-Nitrophenol-d4	9.893	143	108372	9.219	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	208814	9.622	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	312624	9.984	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	627210	9.779	ng/u1	0.00
49) Acenaphthylene-d8	14.340	160	720556	9.734	ng/u1	0.00
54) 4-Nitrophenol-d4	14.851	143	108632	8.670	ng/u1	0.00
60) Fluorene-d10	15.634	176	537275	9.783	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	83511	7.667	ng/u1	0.00
73) Anthracene-d10	17.510	188	812627	9.776	ng/u1	0.00
81) Pyrene-d10	19.745	212	864355	9.789	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	618682	9.660	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	38993	4.064	ng/uL	91
5) Pyridine	3.787	79	262166	9.697	ng/u1	98
6) Benzaldehyde	7.140	77	86520	6.215	ng/u1	96
8) Phenol	7.158	94	300962	9.432	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.417	93	247823	9.739	ng/u1	98
12) 2-Chlorophenol	7.534	128	233524	9.861	ng/u1	99
13) 2-Methylphenol	8.422	108	219186	9.364	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.499	45	194856	5.436	ng/u1	99
16) Acetophenone	8.834	105	369257	9.779	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.799	70	193740	9.605	ng/u1	99
18) 4-Methylphenol	8.752	108	240250	9.412	ng/u1	100
19) Hexachloroethane	9.052	117	95702	9.755	ng/u1	98
22) Nitrobenzene	9.222	77	284744	9.834	ng/u1	99
23) Isophorone	9.740	82	530596	9.754	ng/u1	100
25) 2-Nitrophenol	9.928	139	120880	9.340	ng/u1	95
26) 2,4-Dimethylphenol	9.963	107	259252	9.811	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.222	93	334483	9.921	ng/u1	99
29) 2,4-Dichlorophenol	10.446	162	214204	9.685	ng/u1	98
30) Naphthalene	10.863	128	759244	9.954	ng/u1	99
32) 4-Chloroaniline	10.993	127	329663	10.117	ng/u1	98
33) Hexachlorobutadiene	11.093	225	129984	9.833	ng/u1	98
34) Caprolactam	11.810	113	67089	9.157	ng/u1	97
35) 4-Chloro-3-methylphenol	12.093	107	235915	9.734	ng/u1	100
36) 2-Methylnaphthalene	12.463	142	496557	9.852	ng/u1	100

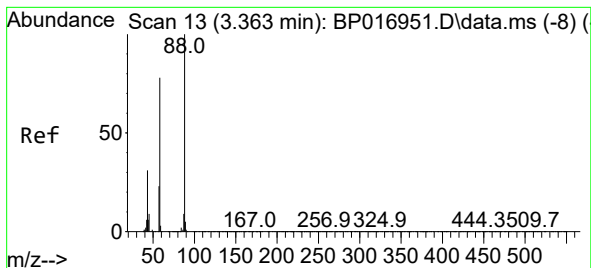
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.687	142	501865	9.890	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.816	216	249481	9.827	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	133868	8.138	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	163199	9.445	ng/ul	97
42) 2,4,5-Trichlorophenol	13.134	196	179266	9.535	ng/ul	98
43) 1,1'-Biphenyl	13.475	154	674793	9.893	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	526719	9.835	ng/ul	99
45) 2-Nitroaniline	13.751	65	146589	9.191	ng/ul	97
47) Dimethylphthalate	14.099	163	662550	9.845	ng/ul	99
48) 2,6-Dinitrotoluene	14.246	165	118759	9.086	ng/ul	98
50) Acenaphthylene	14.369	152	819711	9.890	ng/ul	100
51) 3-Nitroaniline	14.581	138	98822	7.576	ng/ul	98
52) Acenaphthene	14.704	153	568072	9.823	ng/ul	99
53) 2,4-Dinitrophenol	14.781	184	57558	7.103	ng/ul	97
55) 4-Nitrophenol	14.863	109	91211	9.096	ng/ul	97
56) Dibenzofuran	15.040	168	793590	9.980	ng/ul	99
57) 2,4-Dinitrotoluene	15.022	165	174030	9.276	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	142675	9.412	ng/ul	99
59) Diethylphthalate	15.451	149	659807	9.811	ng/ul	100
61) Fluorene	15.693	166	643433	9.815	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.681	204	305651	9.647	ng/ul	96
63) 4-Nitroaniline	15.751	138	75953	6.623	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.775	198	92487	8.104	ng/ul#	92
67) N-Nitrosodiphenylamine	15.904	169	540270	9.899	ng/ul	100
68) 4-Bromophenyl-phenylether	16.587	248	171171	9.505	ng/ul	99
69) Hexachlorobenzene	16.669	284	193075	9.781	ng/ul	98
70) Atrazine	16.863	200	185610	9.933	ng/ul	98
71) Pentachlorophenol	17.034	266	108625	8.438	ng/ul	97
72) Phenanthrene	17.451	178	991117	9.854	ng/ul	99
74) Anthracene	17.545	178	1003411	9.924	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.428	216	252657	9.799	ng/uL	98
76) Pentachlorobenzene	14.934	250	242562	9.767	ng/uL	99
77) Carbazole	17.828	167	901362	9.920	ng/ul	100
78) Di-n-butylphthalate	18.339	149	1072289	9.633	ng/ul	99
80) Fluoranthene	19.416	202	1092967	9.913	ng/ul	98
82) Pyrene	19.775	202	1142761	9.983	ng/ul	99
83) Butylbenzylphthalate	20.633	149	436919	9.229	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.428	252	256099	7.960	ng/ul	98
85) Benzo(a)anthracene	21.486	228	1005356	9.847	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.369	149	593118	9.069	ng/ul	100
87) Chrysene	21.545	228	942018	9.863	ng/ul	100
89) Di-n-octyl phthalate	22.339	149	897470	8.480	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	856048	9.705	ng/ul	99
91) Benzo(k)fluoranthene	23.304	252	838502	9.817	ng/ul	99
93) Benzo(a)pyrene	23.927	252	719650	9.782	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.739	276	764254	9.358	ng/ul	99
95) Dibenzo(a,h)anthracene	26.763	278	629309	9.336	ng/ul	100
96) Benzo(g,h,i)perylene	27.586	276	601524	9.347	ng/ul	97

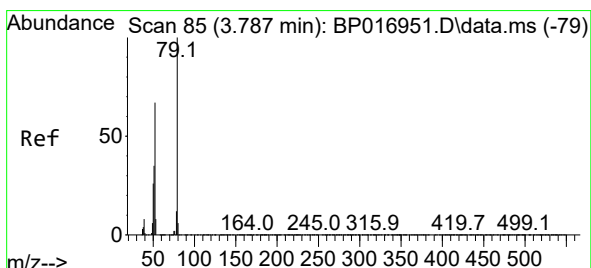
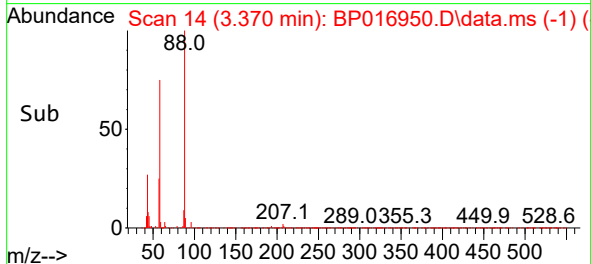
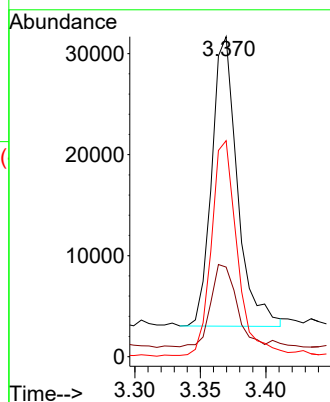
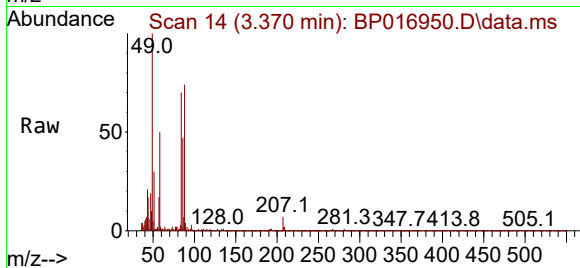
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#2
1,4-Dioxane
Concen: 4.064 ng/uL
RT: 3.370 min Scan# 14
Delta R.T. 0.006 min
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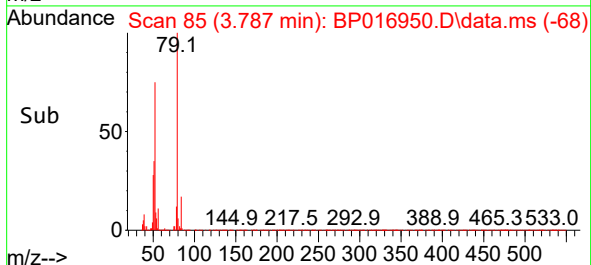
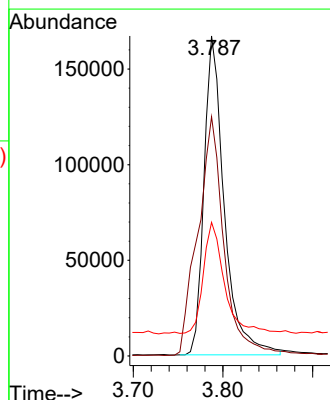
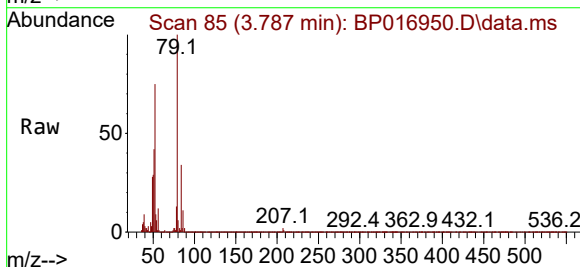
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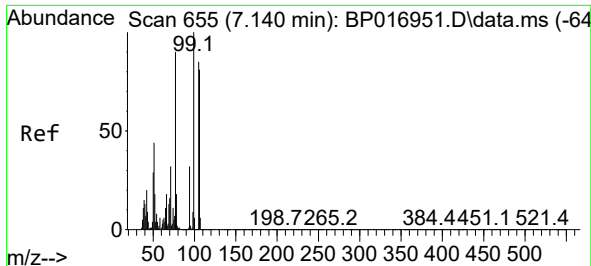
Tgt Ion: 88 Resp: 38993
Ion Ratio Lower Upper
88 100
43 28.0 25.0 37.6
58 67.5 60.6 90.8



#5
Pyridine
Concen: 9.697 ng/uL
RT: 3.787 min Scan# 85
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion: 79 Resp: 262166
Ion Ratio Lower Upper
79 100
52 74.8 60.1 90.1
51 41.8 30.5 45.7

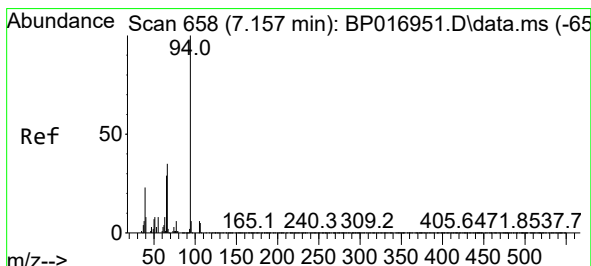
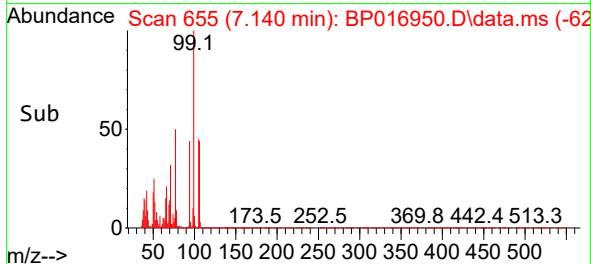
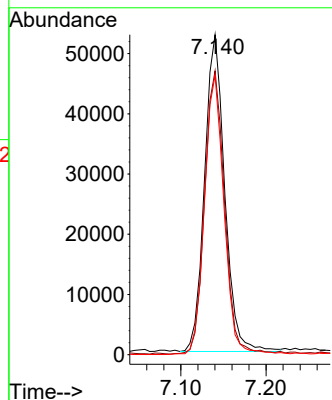
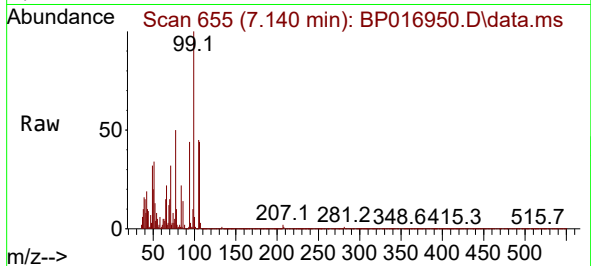




#6
Benzaldehyde
Concen: 6.215 ng/ul
RT: 7.140 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

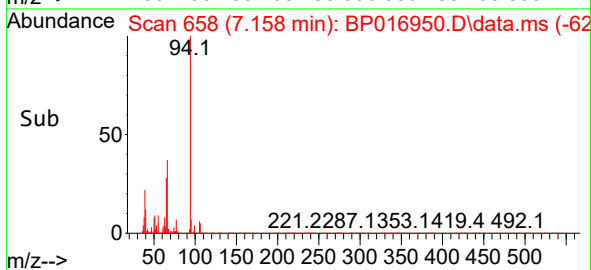
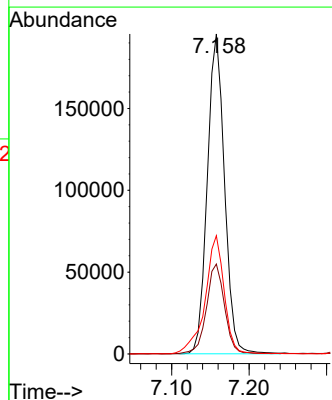
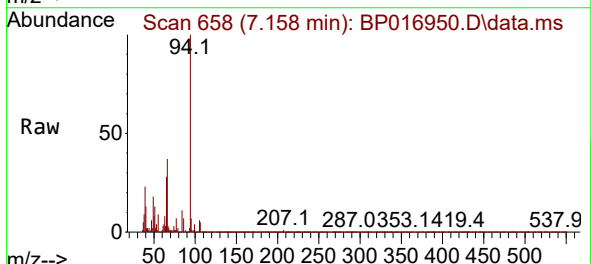
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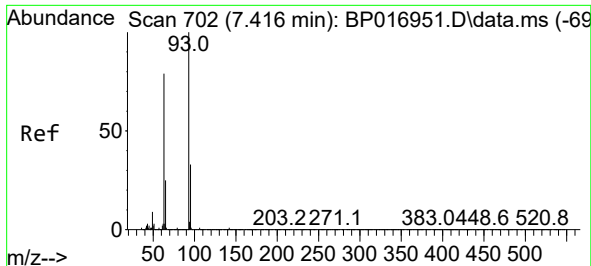
Tgt Ion: 77 Resp: 86520
Ion Ratio Lower Upper
77 100
105 88.7 75.4 113.0
106 87.3 71.4 107.2



#8
Phenol
Concen: 9.432 ng/ul
RT: 7.158 min Scan# 658
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion: 94 Resp: 300962
Ion Ratio Lower Upper
94 100
65 28.1 23.2 34.8
66 37.0 29.4 44.2

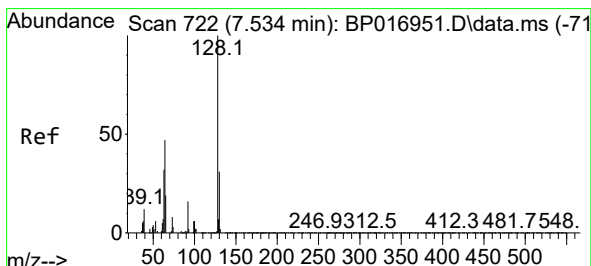
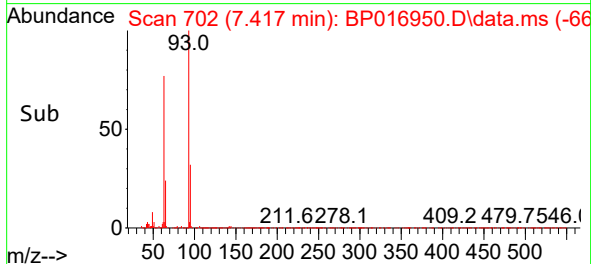
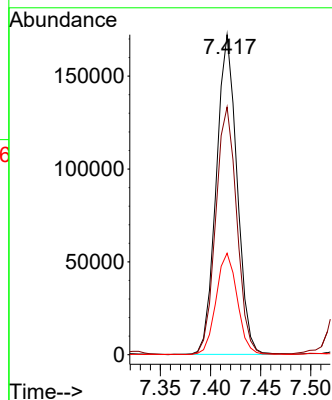
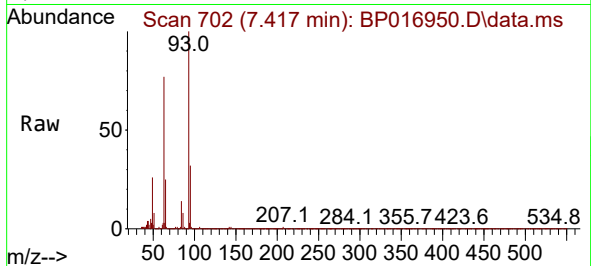




#10
Bis(2-Chloroethyl)ether
Concen: 9.739 ng/ul
RT: 7.417 min Scan# 702
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

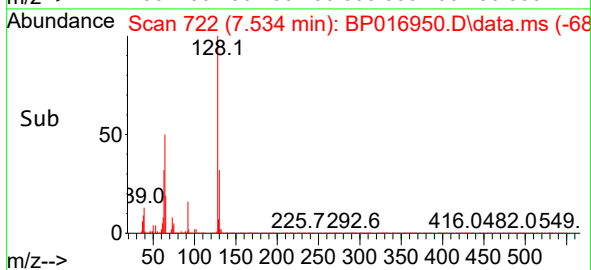
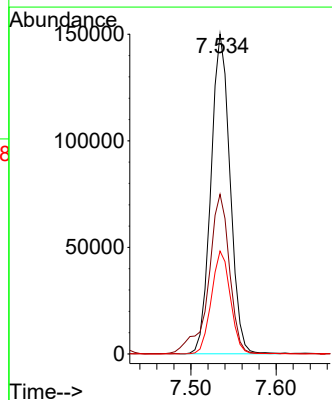
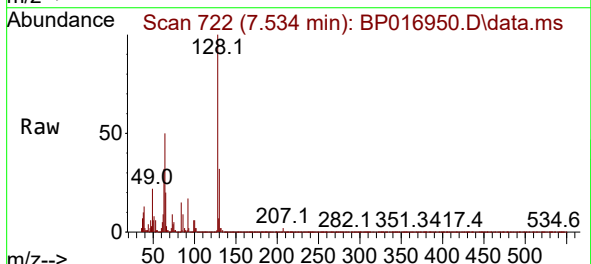
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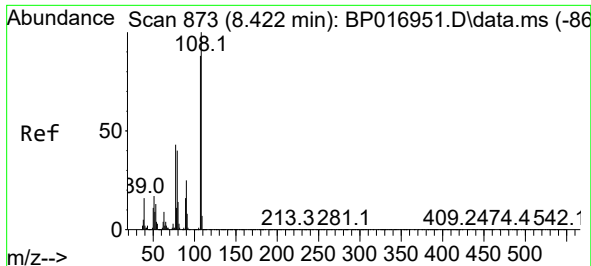
Tgt Ion: 93 Resp: 247823
Ion Ratio Lower Upper
93 100
63 77.4 63.4 95.2
95 31.7 26.1 39.1



#12
2-Chlorophenol
Concen: 9.861 ng/ul
RT: 7.534 min Scan# 722
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion: 128 Resp: 233524
Ion Ratio Lower Upper
128 100
64 49.9 40.2 60.2
130 32.1 25.2 37.8

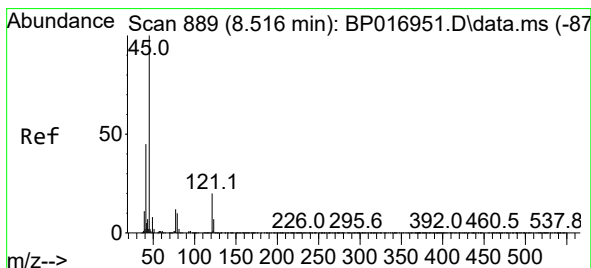
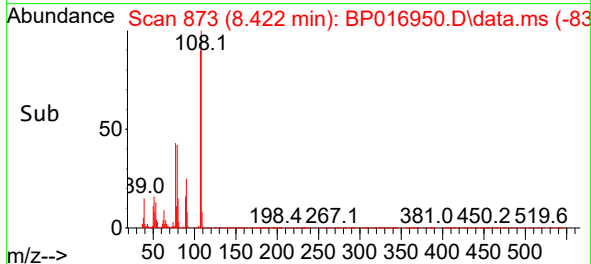
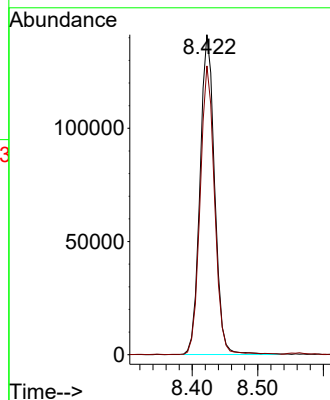
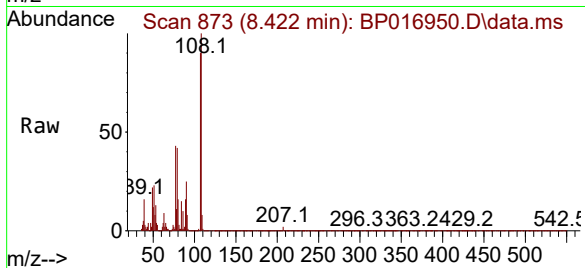




#13
2-Methylphenol
Concen: 9.364 ng/ul
RT: 8.422 min Scan# 873
Delta R.T. 0.000 min
Lab File: BP016950.D
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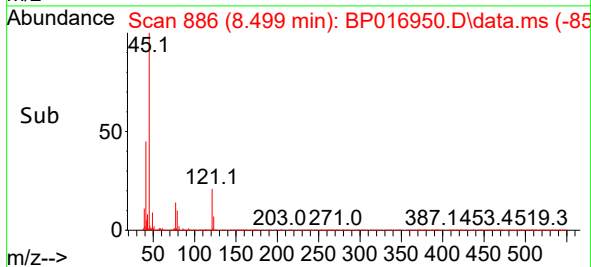
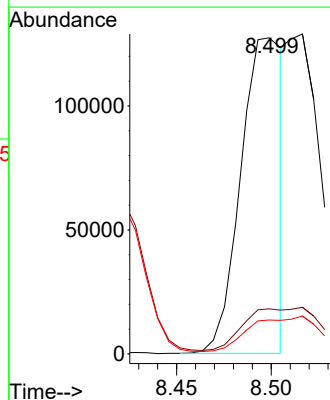
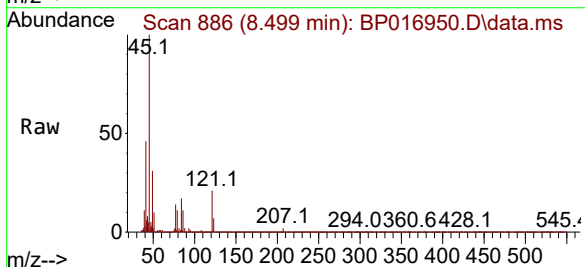
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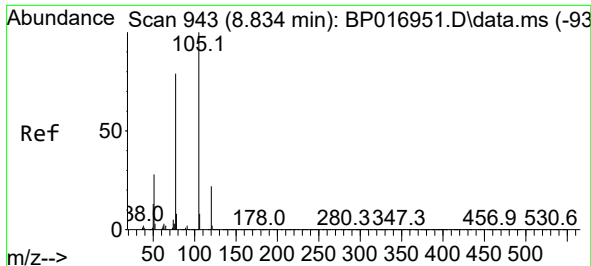
Tgt Ion:108 Resp: 219186
Ion Ratio Lower Upper
108 100
107 90.3 70.6 106.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 5.436 ng/ul
RT: 8.499 min Scan# 886
Delta R.T. -0.017 min
Lab File: BP016950.D
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Tgt Ion: 45 Resp: 194856
Ion Ratio Lower Upper
45 100
77 14.3 11.3 16.9
79 10.7 9.0 13.4

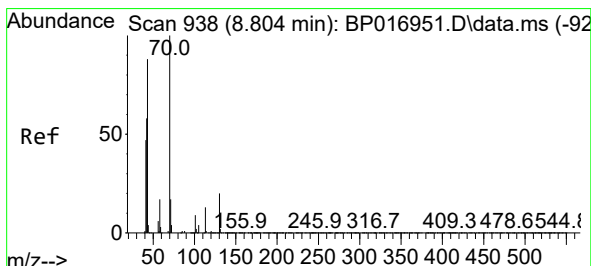
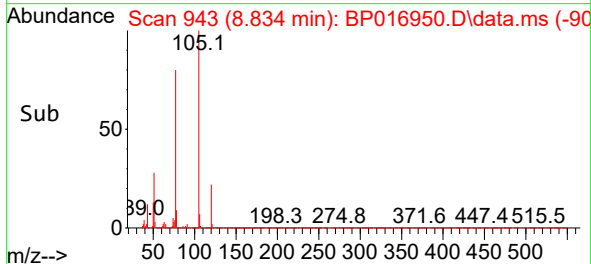
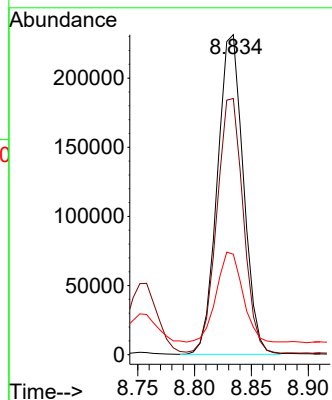
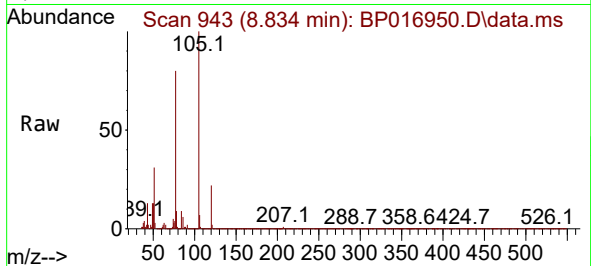




#16
Acetophenone
Concen: 9.779 ng/ul
RT: 8.834 min Scan# 943
Delta R.T. 0.000 min
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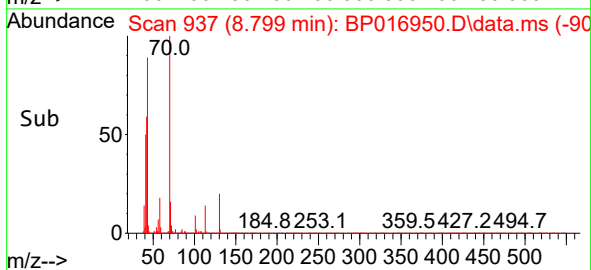
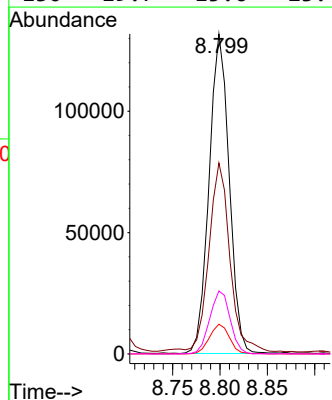
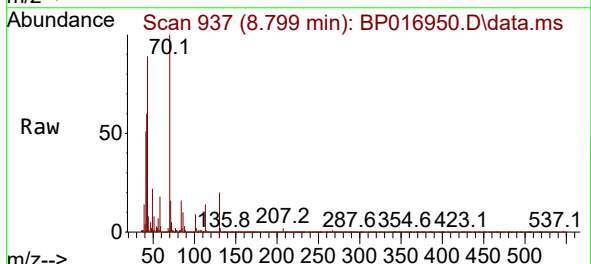
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ClientSampleId :
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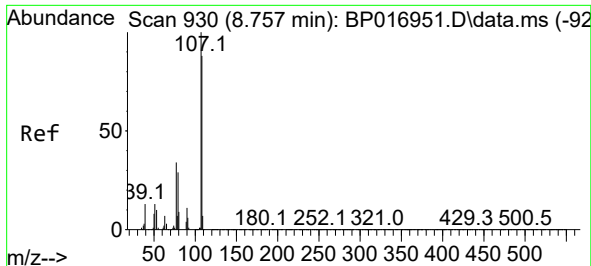
Tgt Ion:105 Resp: 369257
Ion Ratio Lower Upper
105 100
77 80.1 63.6 95.4
51 31.4 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 9.605 ng/ul
RT: 8.799 min Scan# 937
Delta R.T. -0.005 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion: 70 Resp: 193740
Ion Ratio Lower Upper
70 100
42 59.7 47.4 71.2
101 9.3 7.3 10.9
130 19.7 15.6 23.4

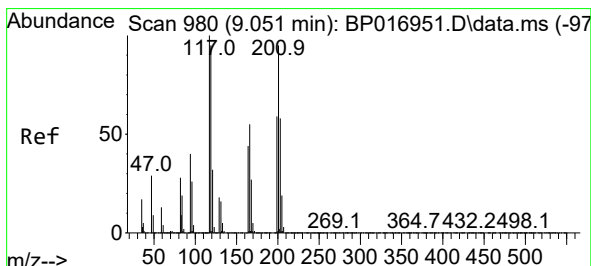
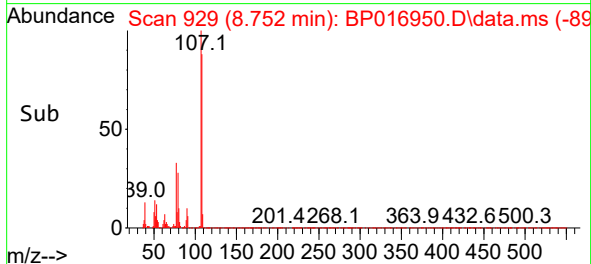
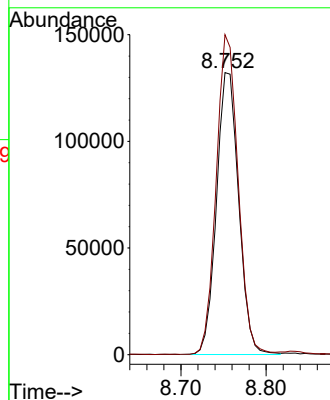
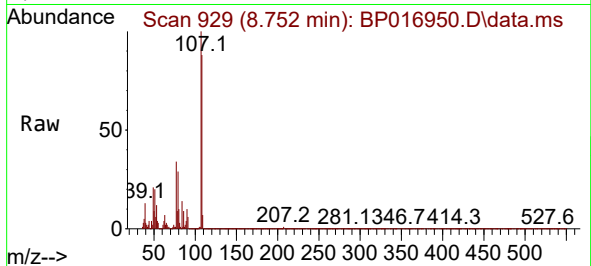




#18
4-Methylphenol
Concen: 9.412 ng/ul
RT: 8.752 min Scan# 91
Delta R.T. -0.005 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

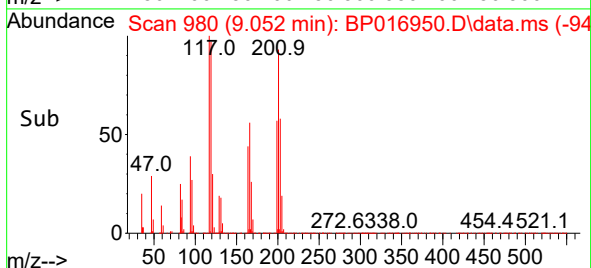
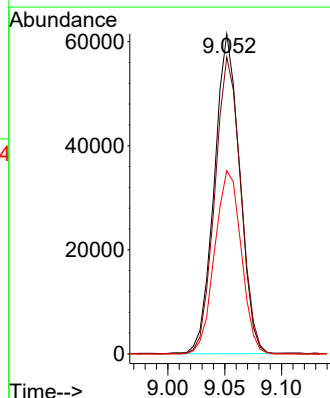
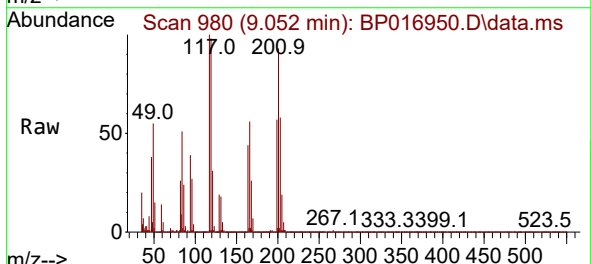
Instrument :
BNA_P
ClientSampleId :
SSTD010646

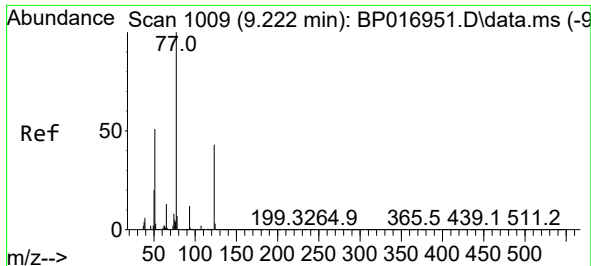
Tgt Ion:108 Resp: 240250
Ion Ratio Lower Upper
108 100
107 113.5 90.6 135.8



#19
Hexachloroethane
Concen: 9.755 ng/ul
RT: 9.052 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion:117 Resp: 95702
Ion Ratio Lower Upper
117 100
201 92.8 75.8 113.6
199 57.3 46.8 70.2

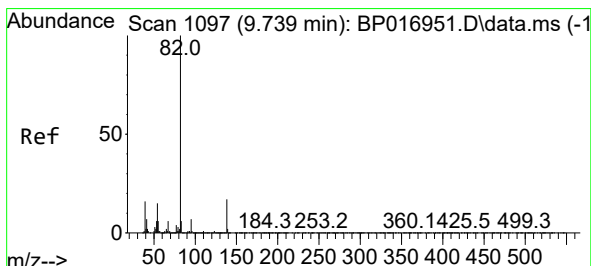
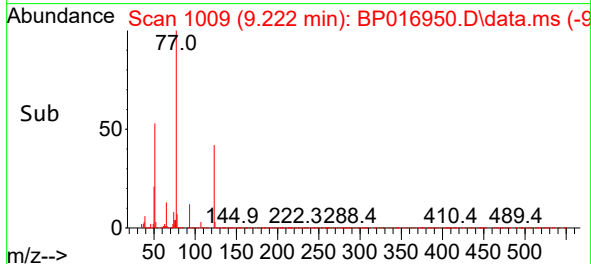
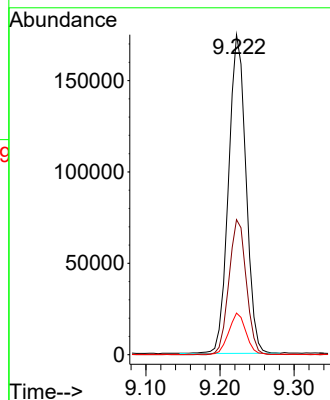
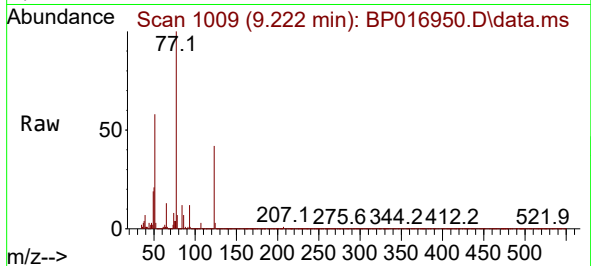




#22
Nitrobenzene
Concen: 9.834 ng/ul
RT: 9.222 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

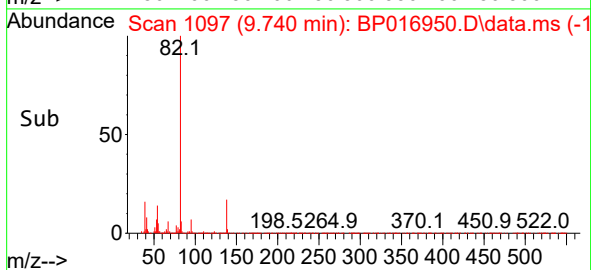
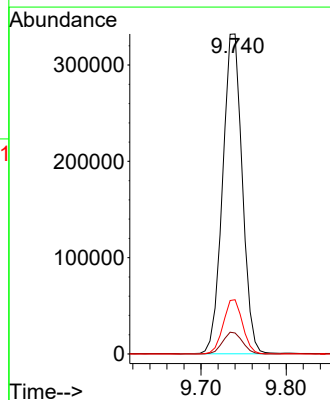
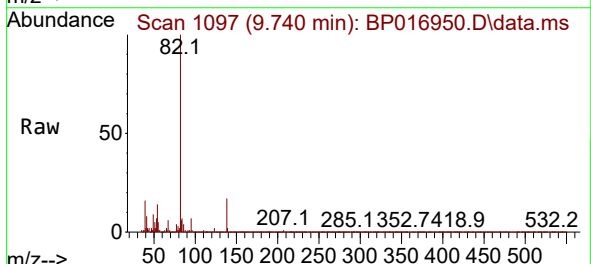
Instrument :
BNA_P
ClientSampleId :
SSTD010646

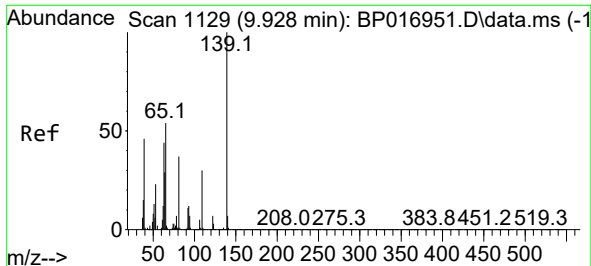
Tgt Ion: 77 Resp: 284744
Ion Ratio Lower Upper
77 100
123 42.2 34.4 51.6
65 13.0 10.6 15.8



#23
Isophorone
Concen: 9.754 ng/ul
RT: 9.740 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion: 82 Resp: 530596
Ion Ratio Lower Upper
82 100
95 6.5 5.3 7.9
138 16.9 13.4 20.2

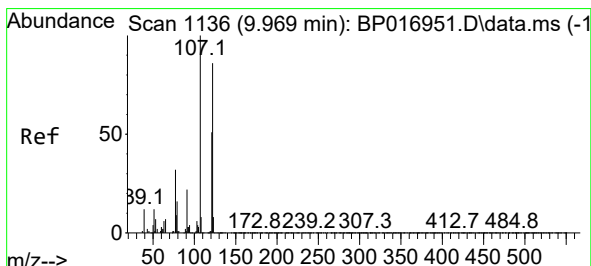
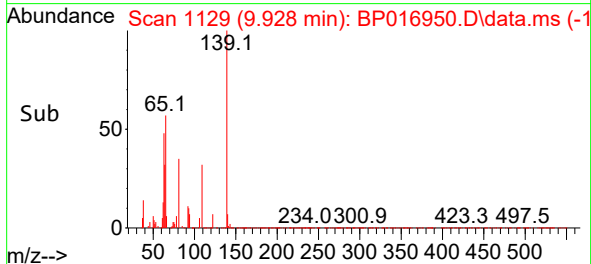
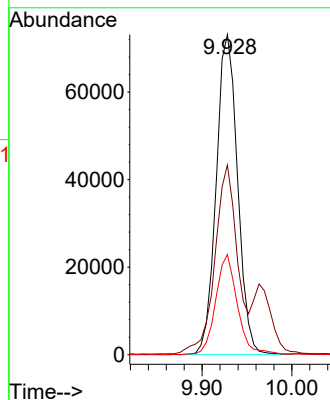
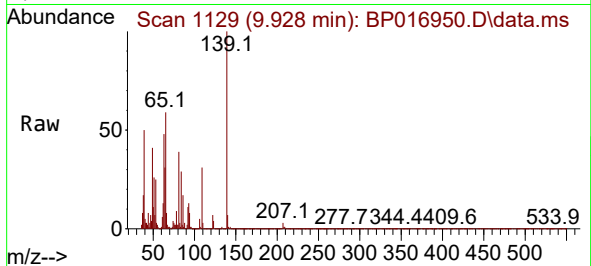




#25
2-Nitrophenol
Concen: 9.340 ng/ul
RT: 9.928 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

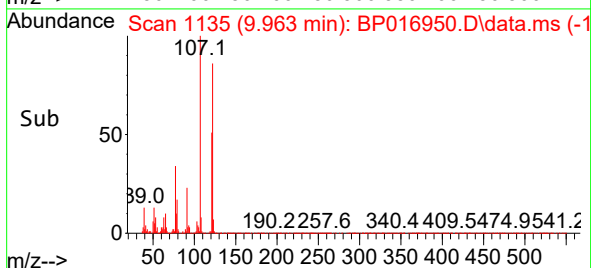
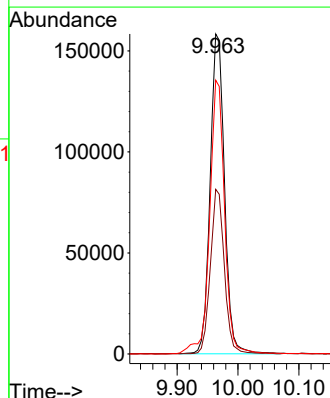
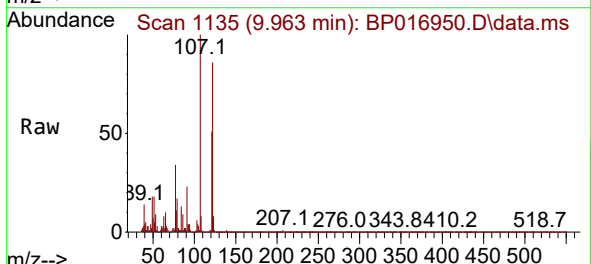
Instrument :
BNA_P
ClientSampleId :
SSTD010646

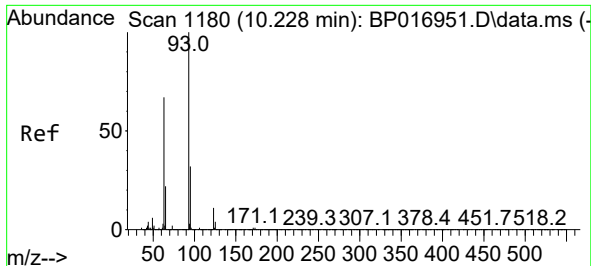
Tgt Ion:139 Resp: 120880
Ion Ratio Lower Upper
139 100
65 59.3 44.0 66.0
109 31.3 24.1 36.1



#26
2,4-Dimethylphenol
Concen: 9.811 ng/ul
RT: 9.963 min Scan# 1135
Delta R.T. -0.005 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion:107 Resp: 259252
Ion Ratio Lower Upper
107 100
121 51.5 41.0 61.6
122 85.6 69.0 103.4



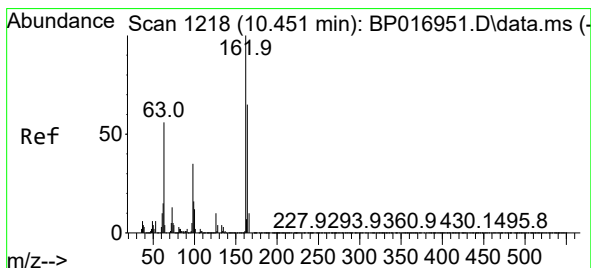
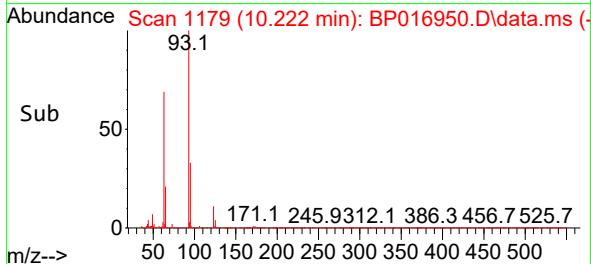
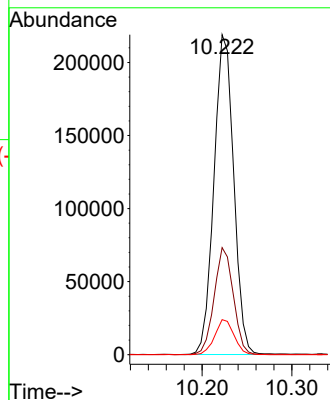
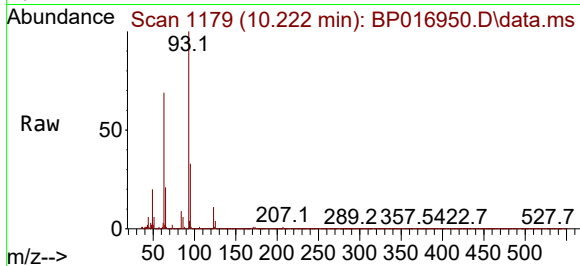


#27
 Bis(2-Chloroethoxy)methane
 Concen: 9.921 ng/ul
 RT: 10.222 min Scan# 1179
 Delta R.T. -0.005 min
 Lab File: BP016950.D
 Acq: 05 Sep 2023 12:06

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010646

Tgt Ion: 93 Resp: 334483

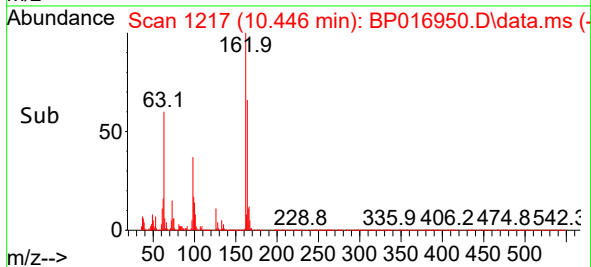
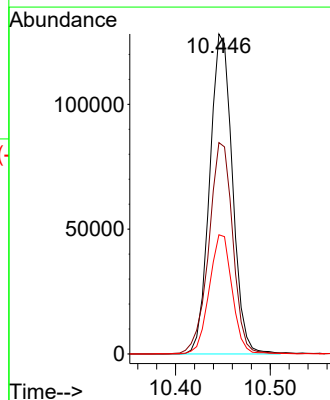
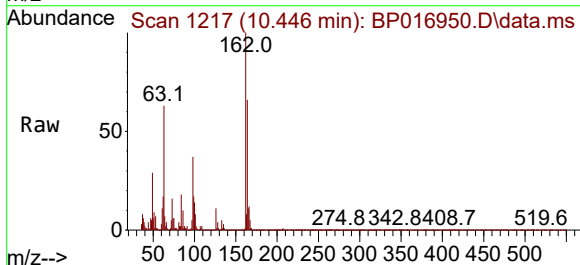
Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.0	39.0
123	10.9	8.6	13.0

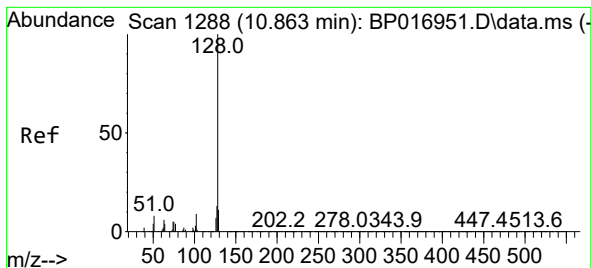


#29
 2,4-Dichlorophenol
 Concen: 9.685 ng/ul
 RT: 10.446 min Scan# 1217
 Delta R.T. -0.005 min
 Lab File: BP016950.D
 Acq: 05 Sep 2023 12:06

Tgt Ion: 162 Resp: 214204

Ion	Ratio	Lower	Upper
162	100		
164	66.0	51.8	77.6
98	37.2	28.2	42.4

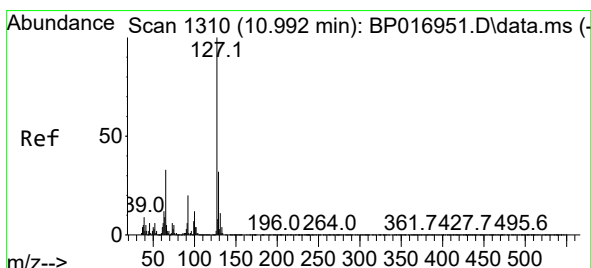
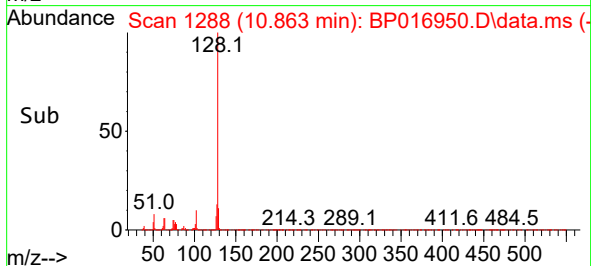
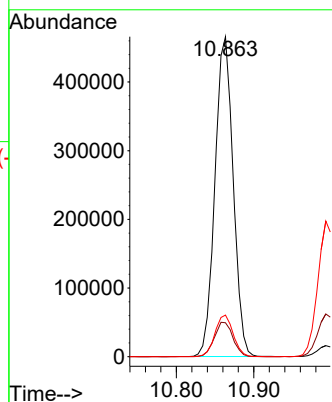
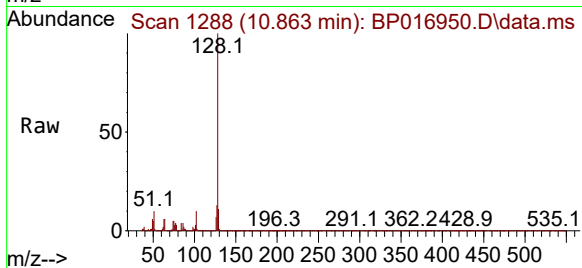




#30
Naphthalene
Concen: 9.954 ng/ul
RT: 10.863 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

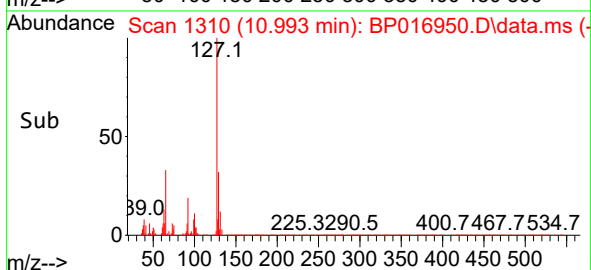
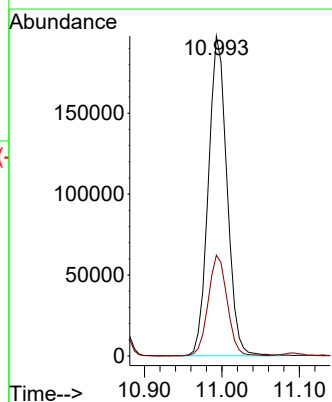
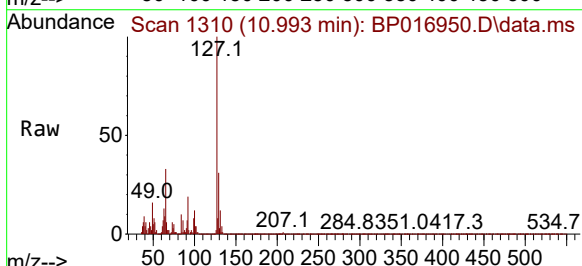
Instrument :
BNA_P
ClientSampleId :
SSTD010646

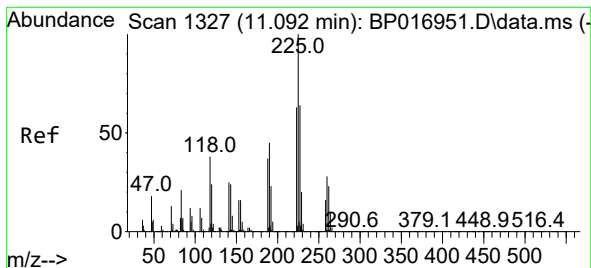
Tgt Ion:128 Resp: 759244
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.0 10.3 15.5



#32
4-Chloroaniline
Concen: 10.117 ng/ul
RT: 10.993 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion:127 Resp: 329663
Ion Ratio Lower Upper
127 100
129 31.5 26.0 39.0





#33

Hexachlorobutadiene

Concen: 9.833 ng/ul

RT: 11.093 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

Instrument :

BNA_P

ClientSampleId :

SSTD010646

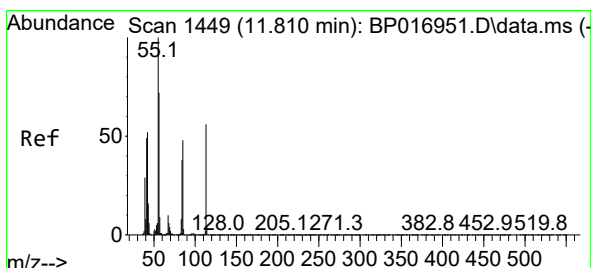
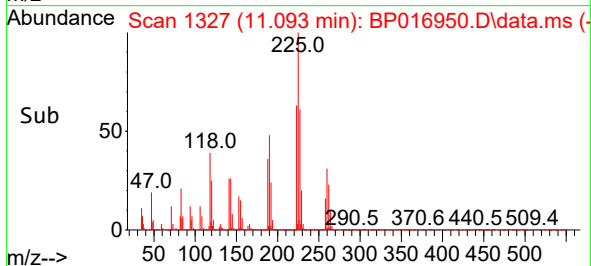
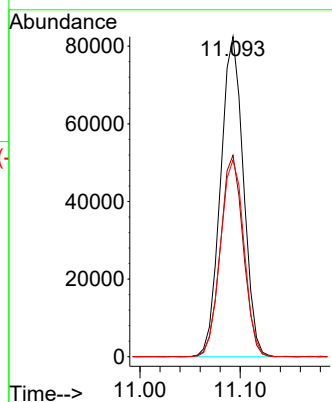
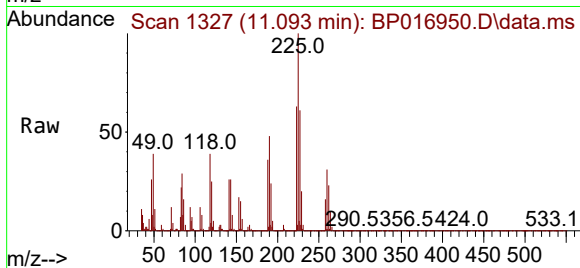
Tgt Ion:225 Resp: 129984

Ion Ratio Lower Upper

225 100

223 63.0 50.1 75.1

227 61.4 50.9 76.3



#34

Caprolactam

Concen: 9.157 ng/ul

RT: 11.810 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

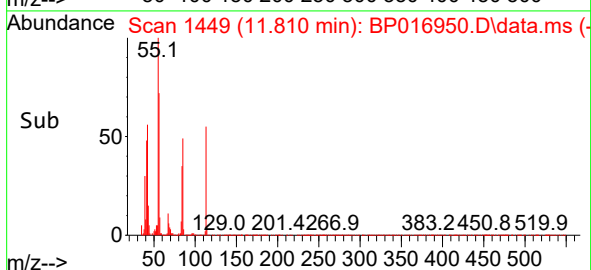
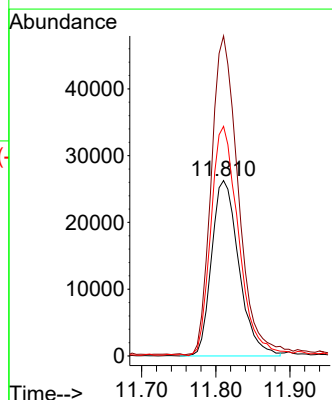
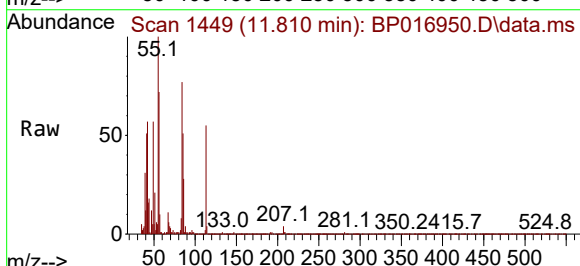
Tgt Ion:113 Resp: 67089

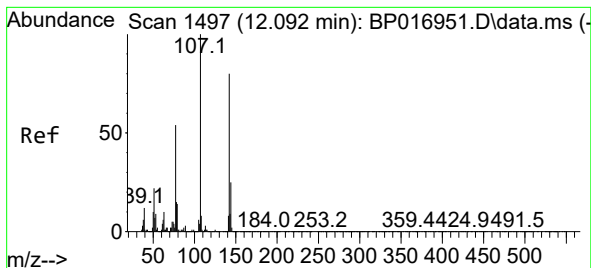
Ion Ratio Lower Upper

113 100

55 182.5 142.3 213.5

56 131.0 102.2 153.2

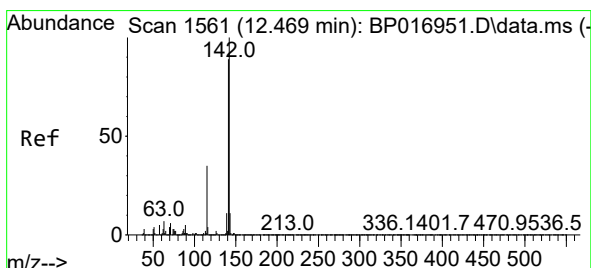
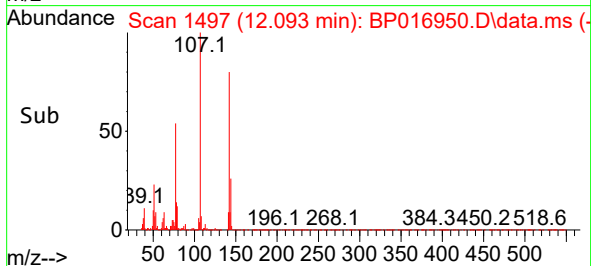
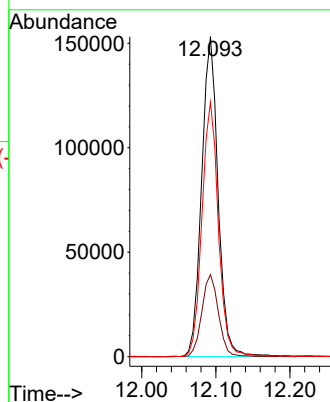
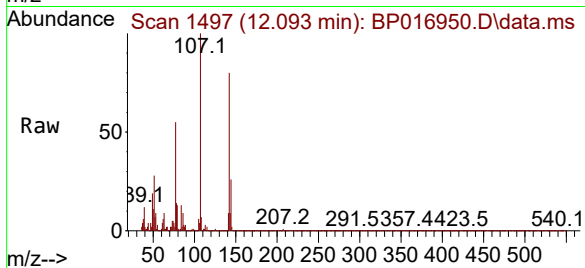




#35
4-Chloro-3-methylphenol
Concen: 9.734 ng/ul
RT: 12.093 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

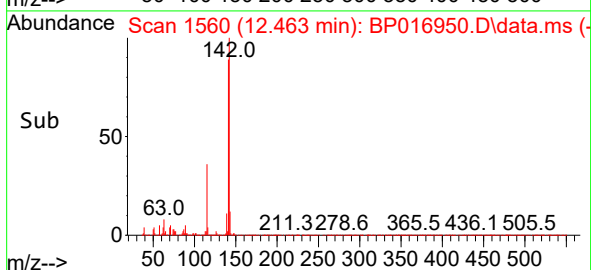
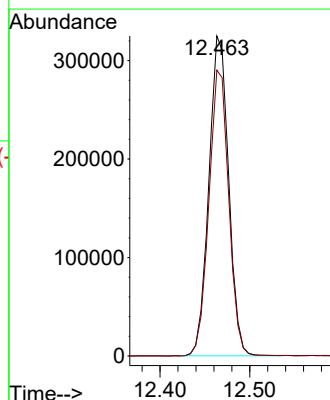
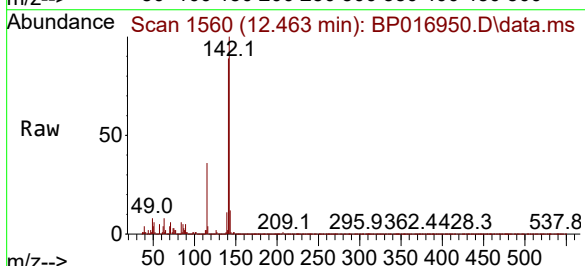
Instrument :
BNA_P
ClientSampleId :
SSTD010646

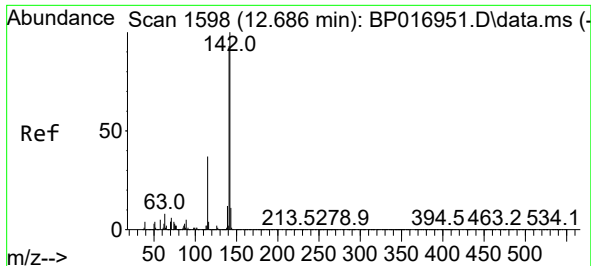
Tgt Ion:107 Resp: 235915
Ion Ratio Lower Upper
107 100
144 25.6 20.3 30.5
142 79.6 63.8 95.8



#36
2-Methylnaphthalene
Concen: 9.852 ng/ul
RT: 12.463 min Scan# 1560
Delta R.T. -0.005 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion:142 Resp: 496557
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7

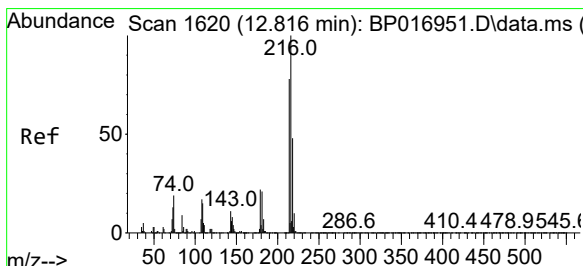
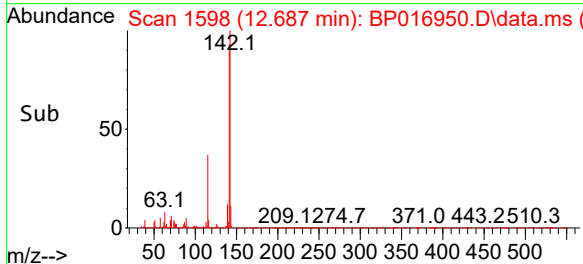
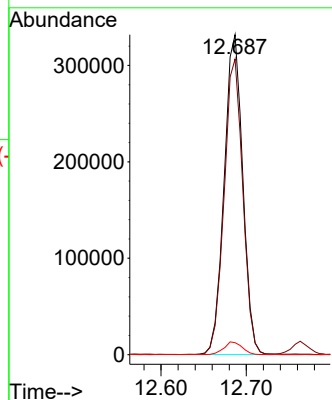
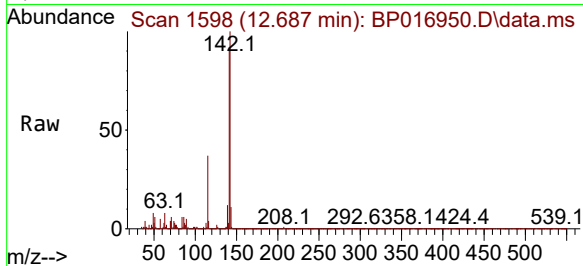




#37
1-Methylnaphthalene
Concen: 9.890 ng/ul
RT: 12.687 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

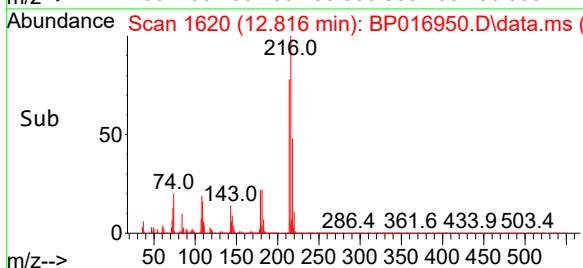
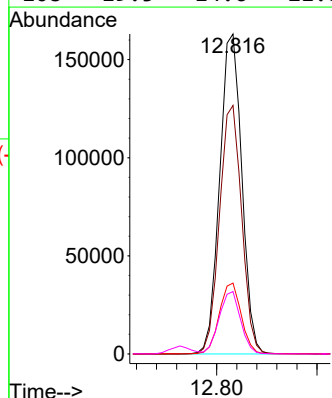
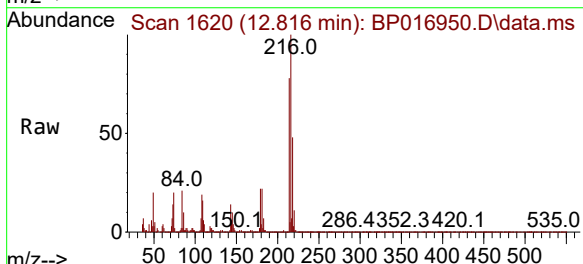
Instrument :
BNA_P
ClientSampleId :
SSTD010646

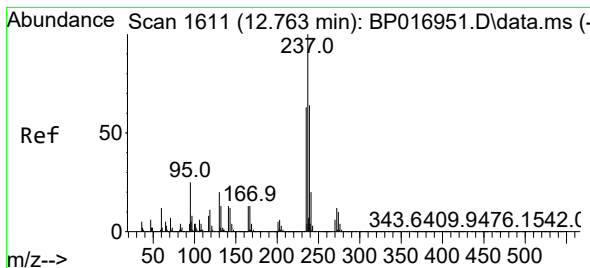
Tgt Ion:142 Resp: 501865
Ion Ratio Lower Upper
142 100
141 92.4 74.5 111.7
116 3.8 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 9.827 ng/ul
RT: 12.816 min Scan# 1620
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion:216 Resp: 249481
Ion Ratio Lower Upper
216 100
214 77.6 62.8 94.2
179 22.1 17.5 26.3
108 19.5 14.6 21.8





#40

Hexachlorocyclopentadiene

Concen: 8.138 ng/ul

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

Instrument :

BNA_P

ClientSampleId :

SSTD010646

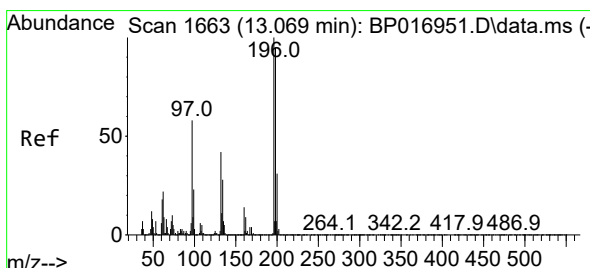
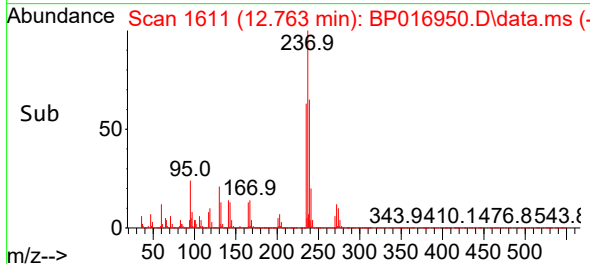
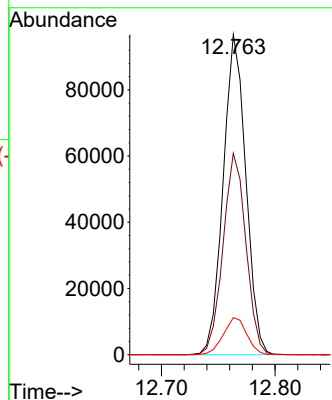
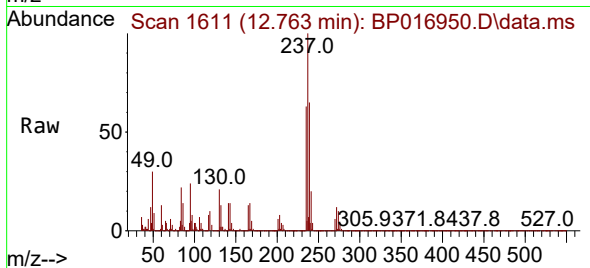
Tgt Ion:237 Resp: 133868

Ion Ratio Lower Upper

237 100

235 63.0 50.8 76.2

272 11.6 10.0 15.0



#41

2,4,6-Trichlorophenol

Concen: 9.445 ng/ul

RT: 13.069 min Scan# 1663

Delta R.T. 0.000 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

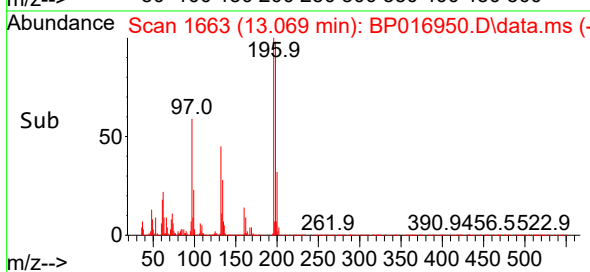
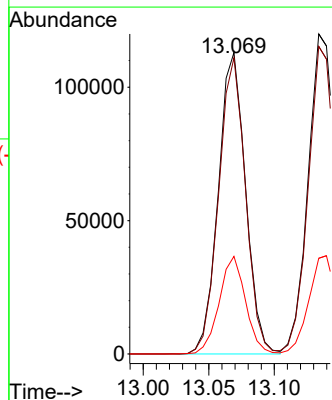
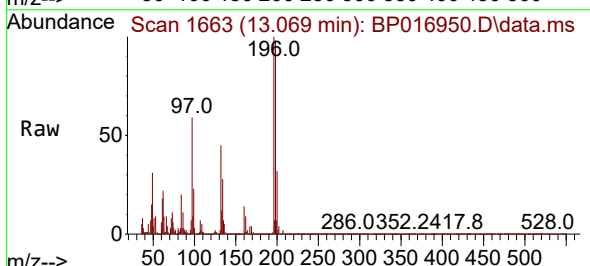
Tgt Ion:196 Resp: 163199

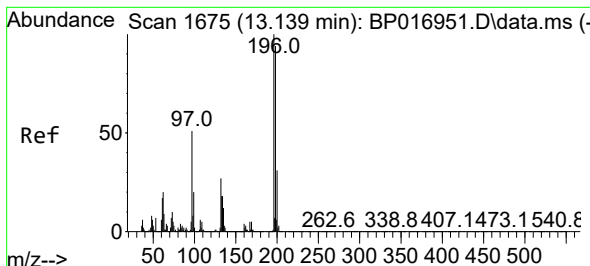
Ion Ratio Lower Upper

196 100

198 98.2 75.8 113.6

200 32.4 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 9.535 ng/ul

RT: 13.134 min Scan# 1

Delta R.T. -0.005 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

Instrument :

BNA_P

ClientSampleId :

SSTD010646

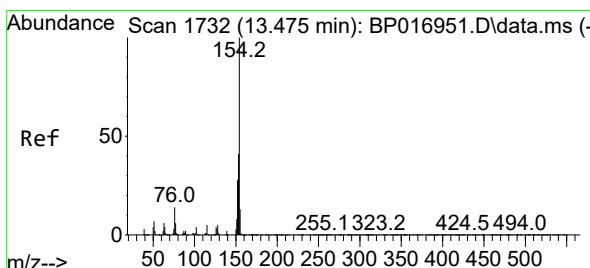
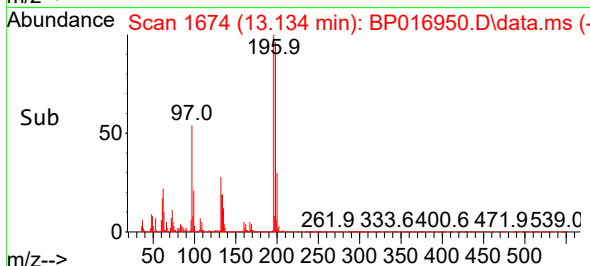
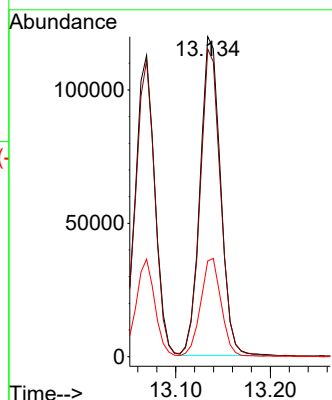
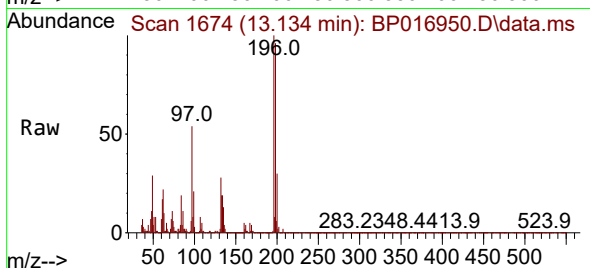
Tgt Ion:196 Resp: 179266

Ion Ratio Lower Upper

196 100

198 96.1 74.9 112.3

200 29.9 24.5 36.7



#43

1,1'-Biphenyl

Concen: 9.893 ng/ul

RT: 13.475 min Scan# 1732

Delta R.T. 0.000 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

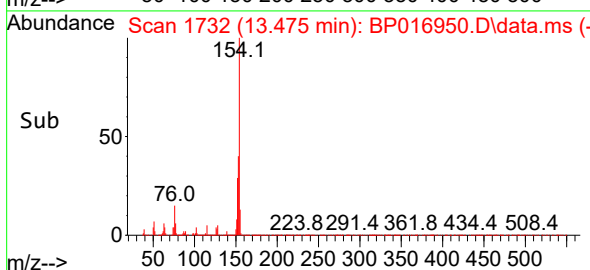
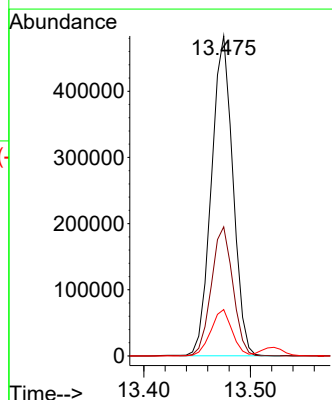
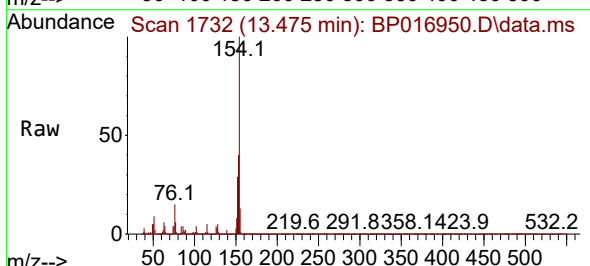
Tgt Ion:154 Resp: 674793

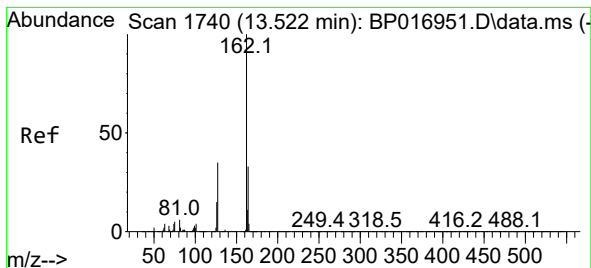
Ion Ratio Lower Upper

154 100

153 40.3 32.7 49.1

76 14.5 11.5 17.3

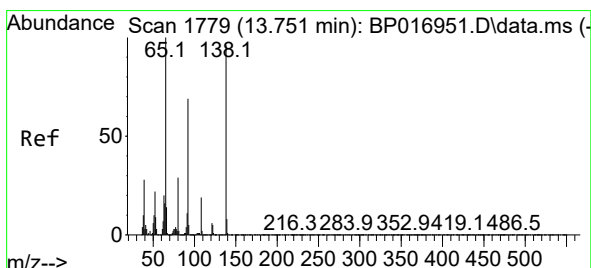
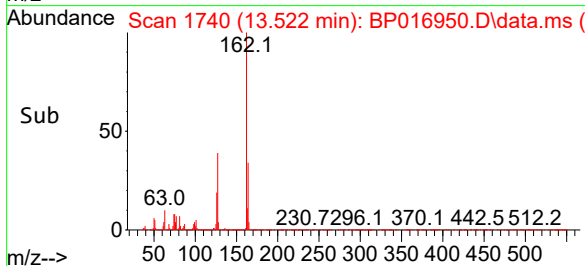
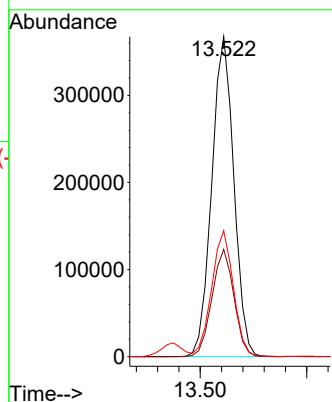
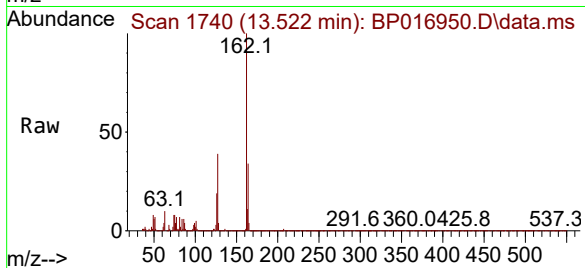




#44
2-Chloronaphthalene
Concen: 9.835 ng/ul
RT: 13.522 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

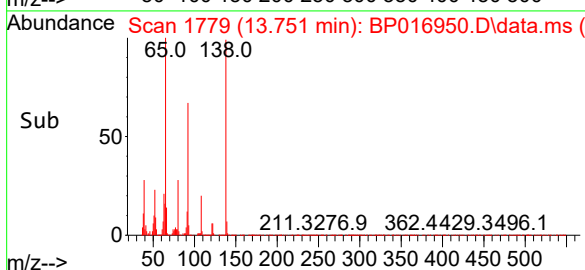
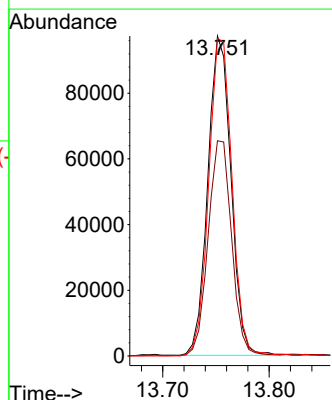
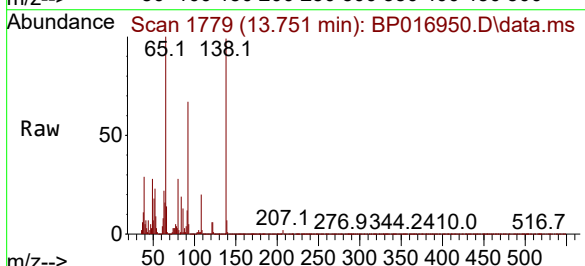
Instrument :
BNA_P
ClientSampleId :
SSTD010646

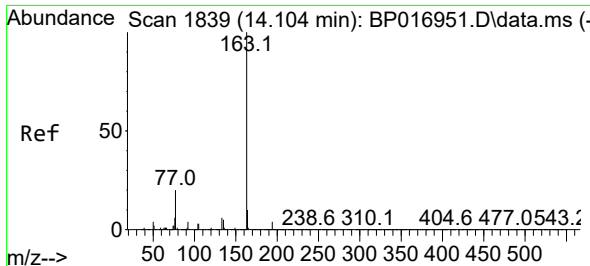
Tgt Ion:162 Resp: 526719
Ion Ratio Lower Upper
162 100
164 33.6 26.2 39.4
127 39.4 30.8 46.2



#45
2-Nitroaniline
Concen: 9.191 ng/ul
RT: 13.751 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion: 65 Resp: 146589
Ion Ratio Lower Upper
65 100
92 67.3 55.4 83.0
138 99.2 76.8 115.2

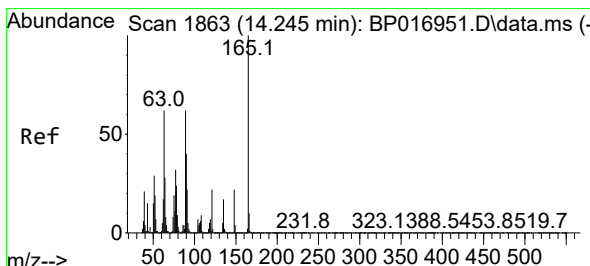
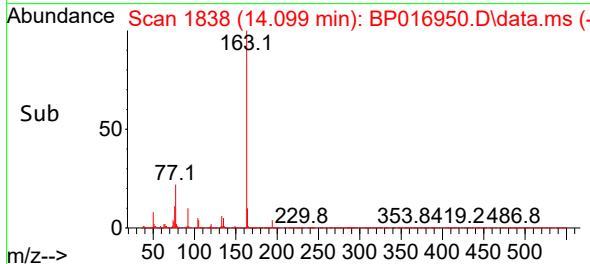
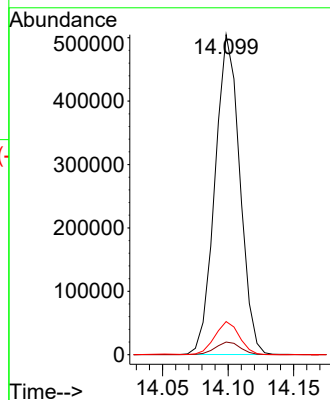
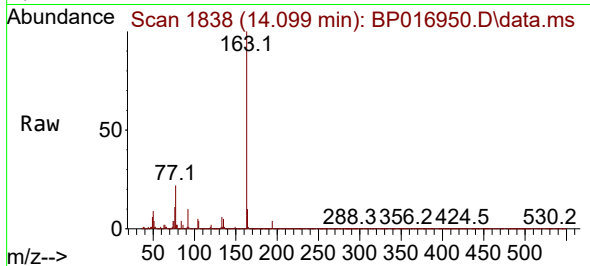




#47
Dimethylphthalate
Concen: 9.845 ng/ul
RT: 14.099 min Scan# 1838
Delta R.T. -0.005 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

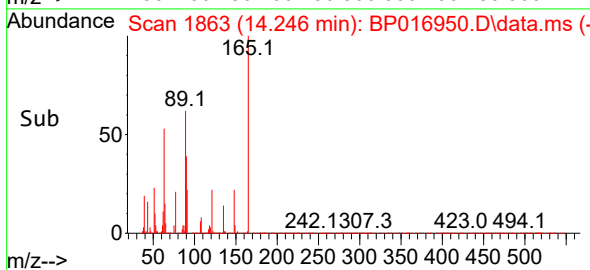
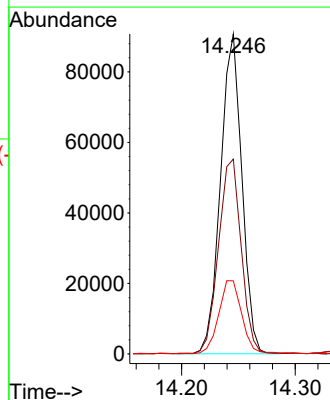
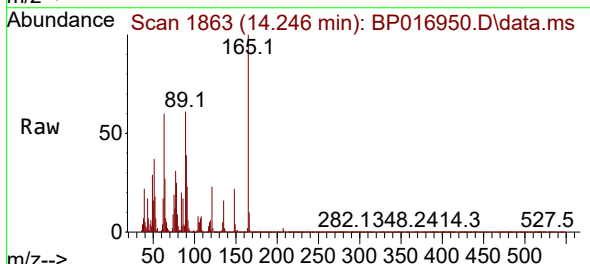
Instrument :
BNA_P
ClientSampleId :
SSTD010646

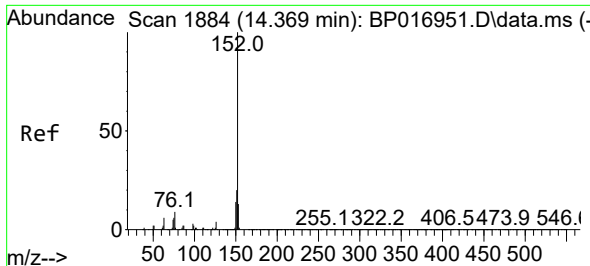
Tgt Ion:163 Resp: 662550
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 9.086 ng/ul
RT: 14.246 min Scan# 1863
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion:165 Resp: 118759
Ion Ratio Lower Upper
165 100
89 60.9 50.0 75.0
121 22.8 17.8 26.6

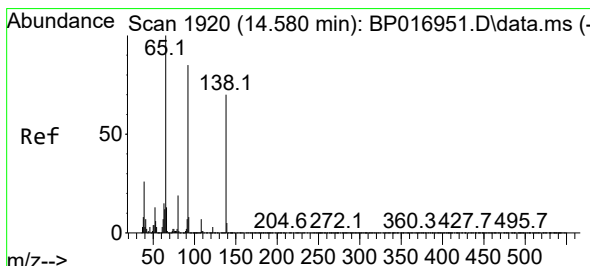
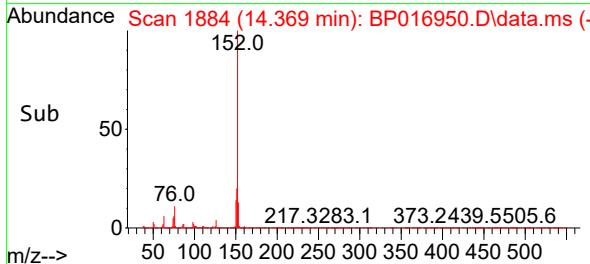
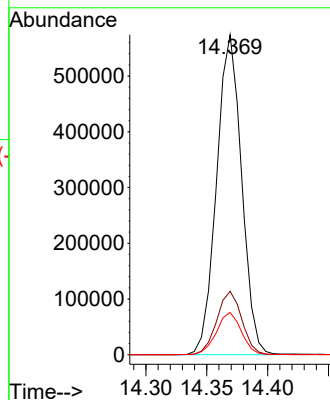
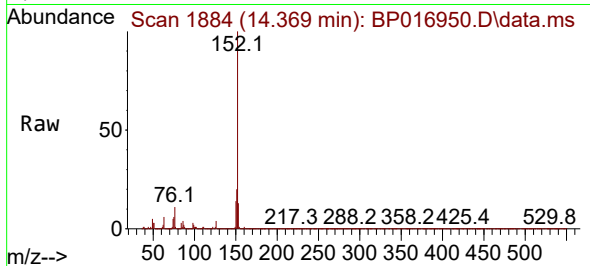




#50
Acenaphthylene
Concen: 9.890 ng/ul
RT: 14.369 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

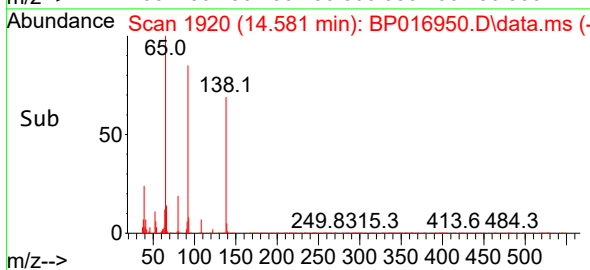
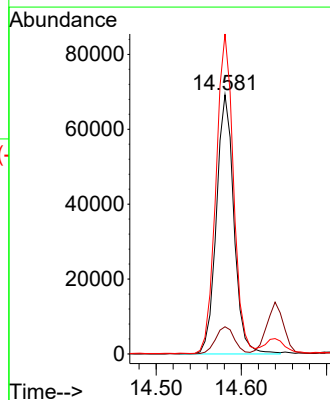
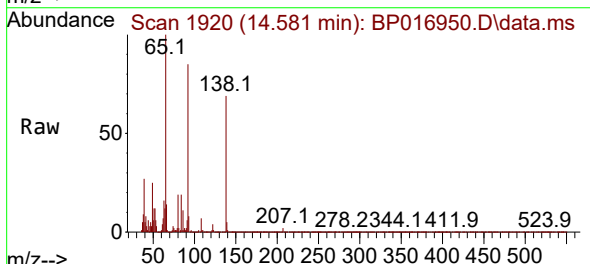
Instrument :
BNA_P
ClientSampleId :
SSTD010646

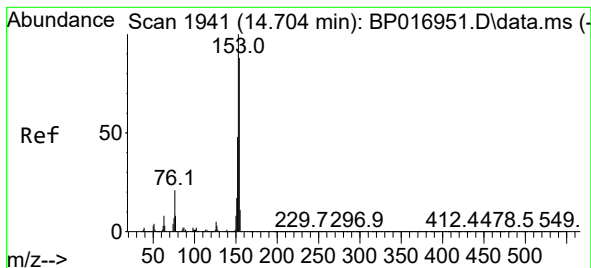
Tgt Ion:152 Resp: 819711
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.2 10.5 15.7



#51
3-Nitroaniline
Concen: 7.576 ng/ul
RT: 14.581 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion:138 Resp: 98822
Ion Ratio Lower Upper
138 100
108 10.5 8.4 12.6
92 123.4 97.2 145.8





#52

Acenaphthene

Concen: 9.823 ng/ul

RT: 14.704 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

Instrument :

BNA_P

ClientSampleId :

SSTD010646

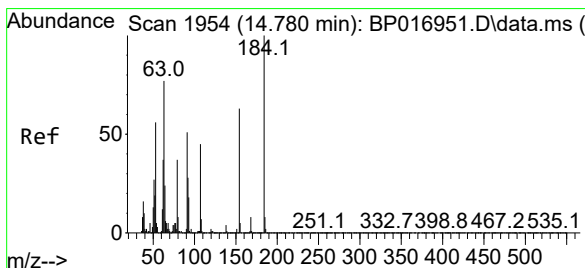
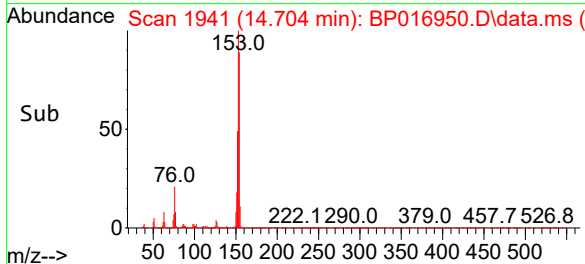
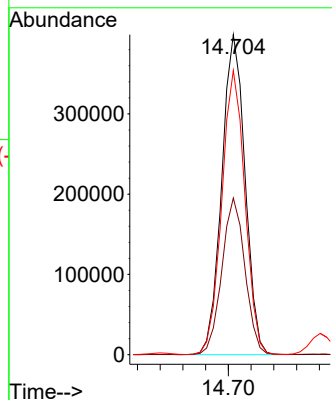
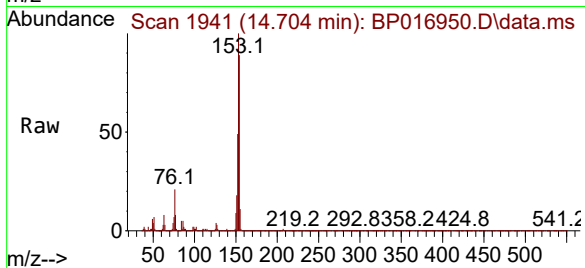
Tgt Ion:153 Resp: 568072

Ion Ratio Lower Upper

153 100

152 48.9 38.6 57.8

154 88.8 70.2 105.4



#53

2,4-Dinitrophenol

Concen: 7.103 ng/ul

RT: 14.781 min Scan# 1954

Delta R.T. 0.000 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

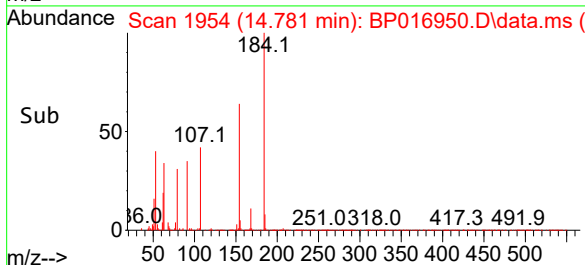
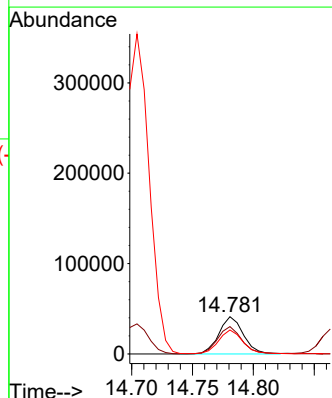
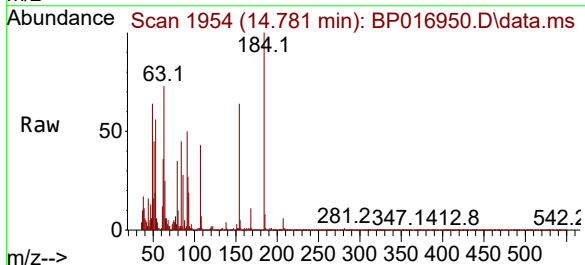
Tgt Ion:184 Resp: 57558

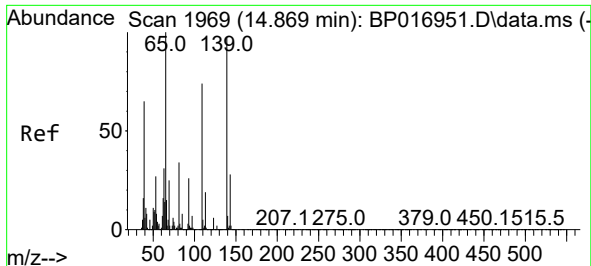
Ion Ratio Lower Upper

184 100

63 73.4 61.6 92.4

154 64.2 50.8 76.2

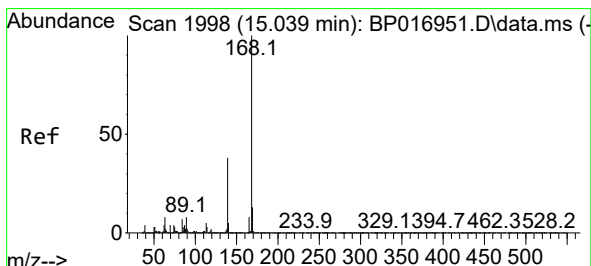
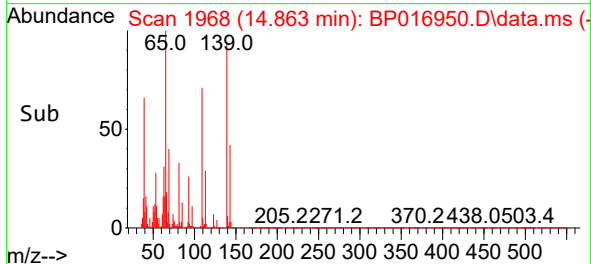
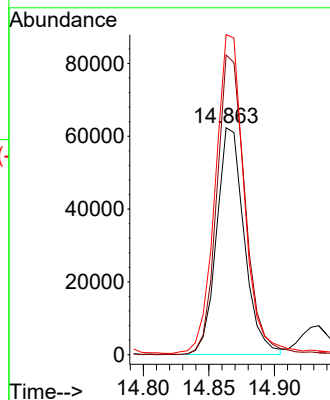
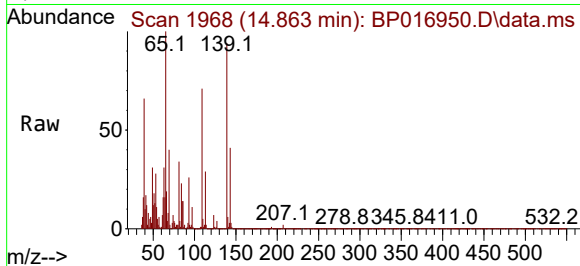




#55
4-Nitrophenol
Concen: 9.096 ng/ul
RT: 14.863 min Scan# 1969
Delta R.T. -0.005 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

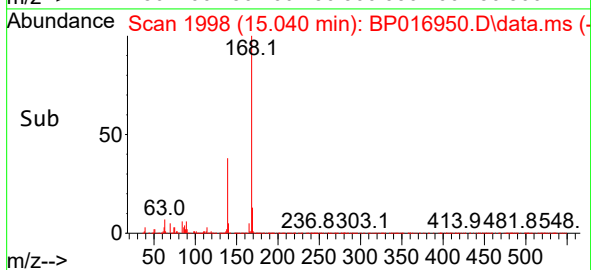
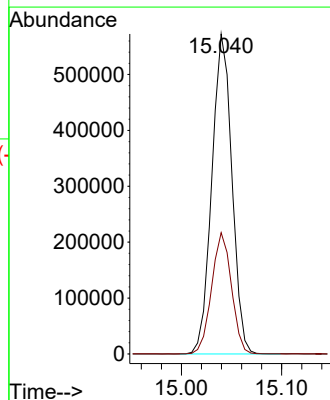
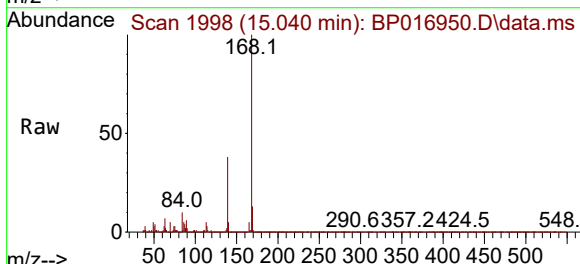
Instrument :
BNA_P
ClientSampleId :
SSTD010646

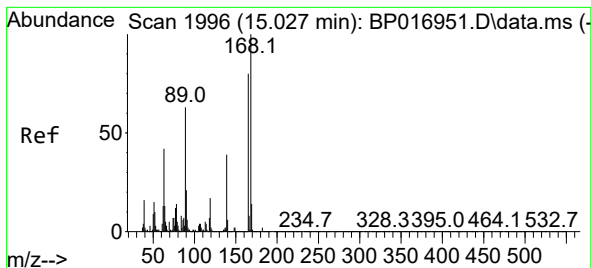
Tgt Ion:109 Resp: 91211
Ion Ratio Lower Upper
109 100
139 132.1 105.0 157.4
65 141.0 108.4 162.6



#56
Dibenzofuran
Concen: 9.980 ng/ul
RT: 15.040 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion:168 Resp: 793590
Ion Ratio Lower Upper
168 100
139 37.9 30.1 45.1

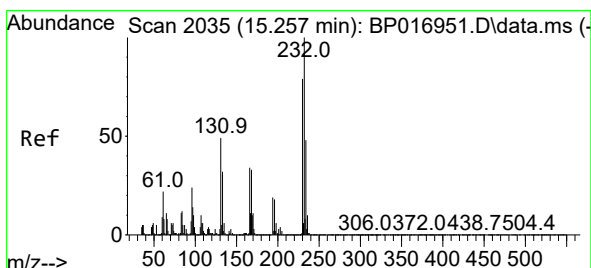
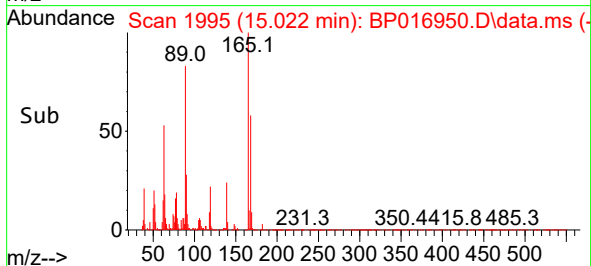
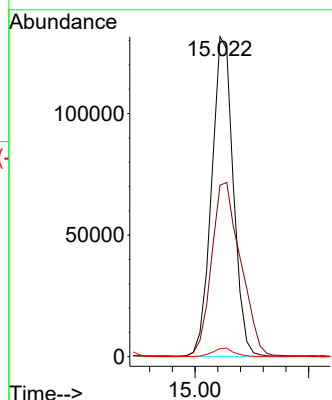
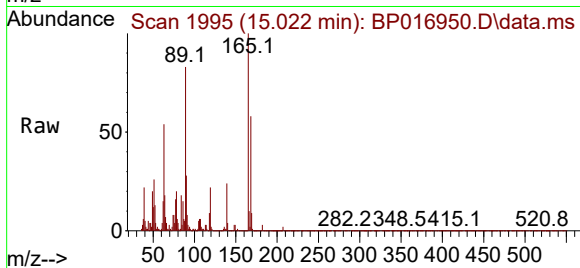




#57
2,4-Dinitrotoluene
Concen: 9.276 ng/ul
RT: 15.022 min Scan# 1996
Delta R.T. -0.005 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

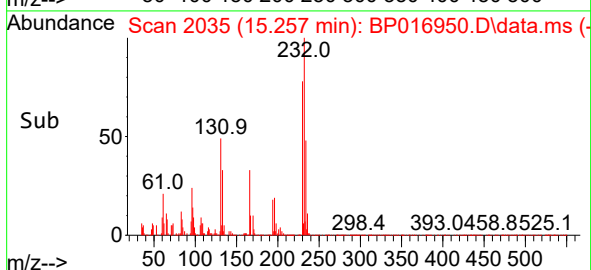
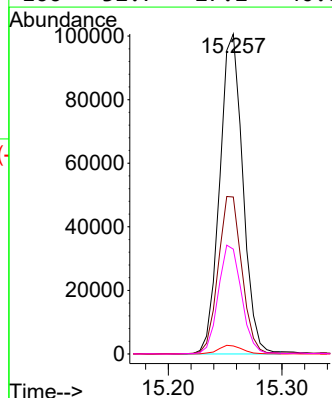
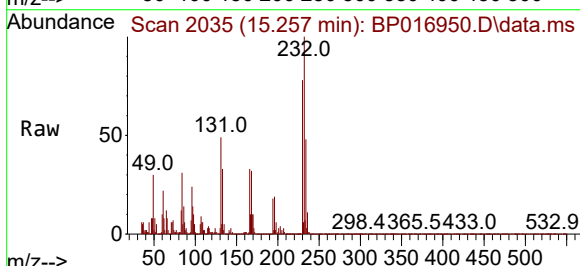
Instrument :
BNA_P
ClientSampleId :
SSTD010646

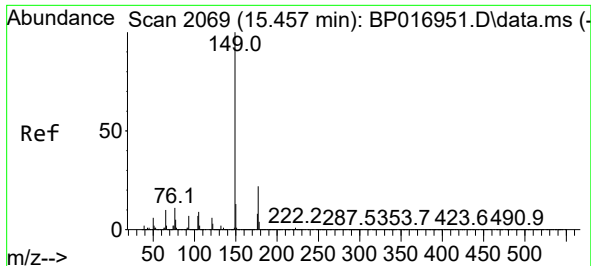
Tgt Ion:165 Resp: 174030
Ion Ratio Lower Upper
165 100
63 53.6 42.1 63.1
182 2.5 2.3 3.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 9.412 ng/ul
RT: 15.257 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion:232 Resp: 142675
Ion Ratio Lower Upper
232 100
131 49.1 39.2 58.8
130 2.5 2.0 3.0
166 32.7 27.2 40.8

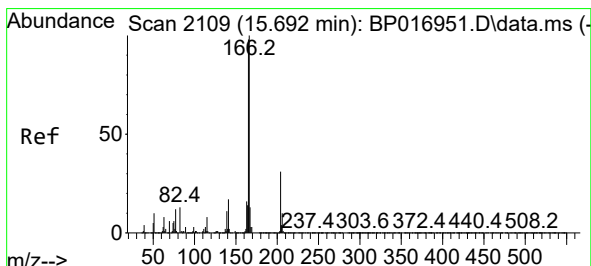
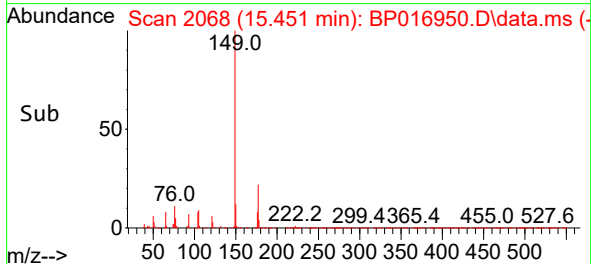
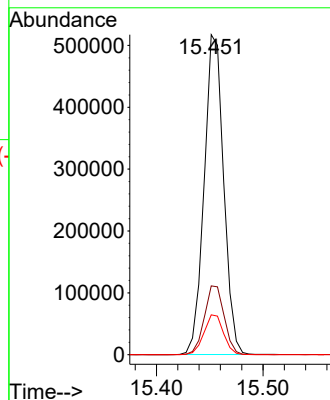
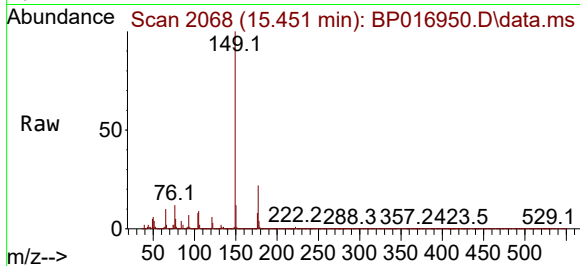




#59
Diethylphthalate
Concen: 9.811 ng/ul
RT: 15.451 min Scan# 2068
Delta R.T. -0.005 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

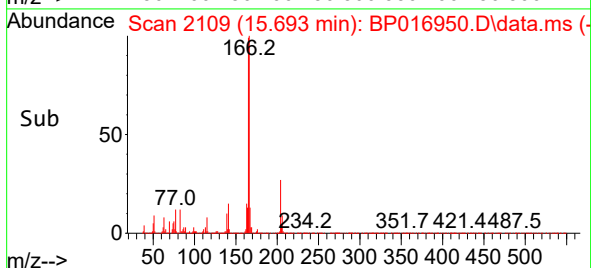
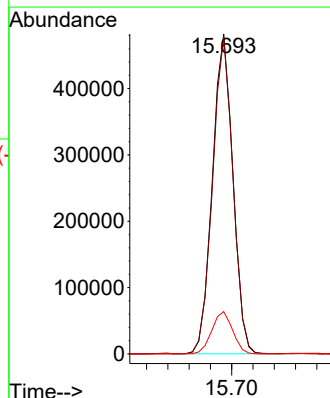
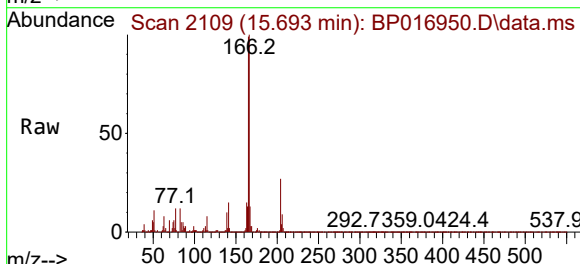
Instrument :
BNA_P
ClientSampleId :
SSTD010646

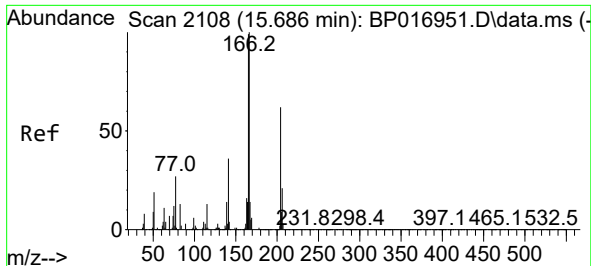
Tgt Ion:149 Resp: 659807
Ion Ratio Lower Upper
149 100
177 21.5 17.3 25.9
150 12.5 10.1 15.1



#61
Fluorene
Concen: 9.815 ng/ul
RT: 15.693 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion:166 Resp: 643433
Ion Ratio Lower Upper
166 100
165 99.2 78.3 117.5
167 13.3 10.6 16.0

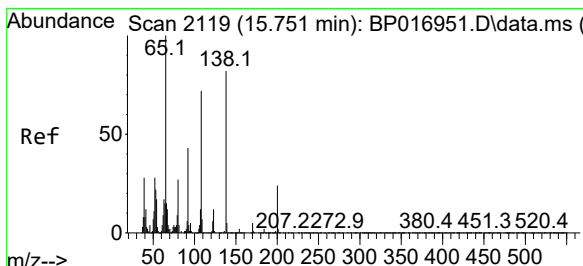
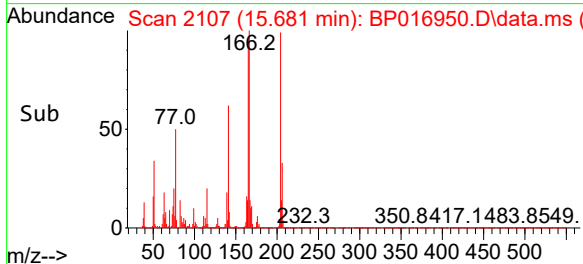
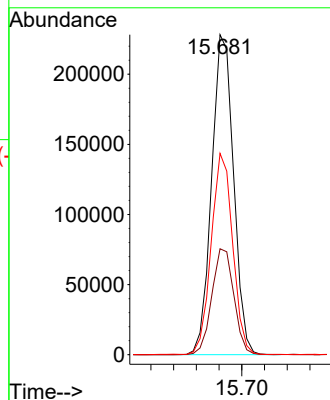
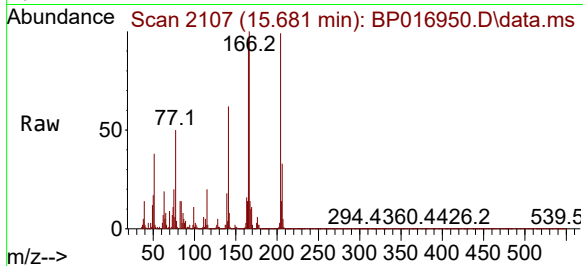




#62
4-Chlorophenyl-phenylether
Concen: 9.647 ng/ul
RT: 15.681 min Scan# 2108
Delta R.T. -0.005 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

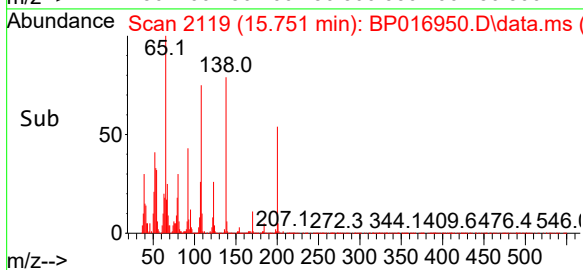
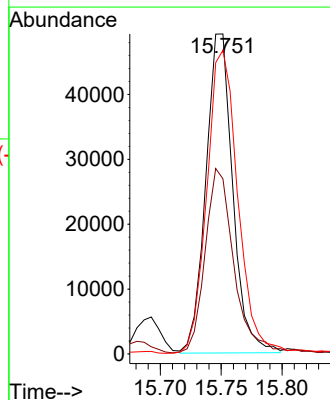
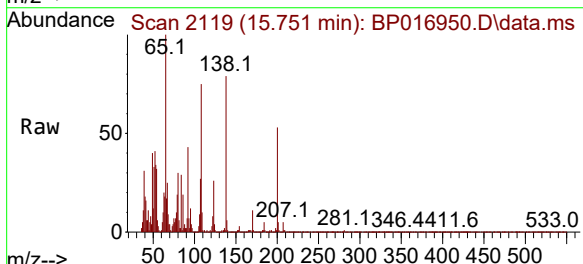
Instrument :
BNA_P
ClientSampleId :
SSTD010646

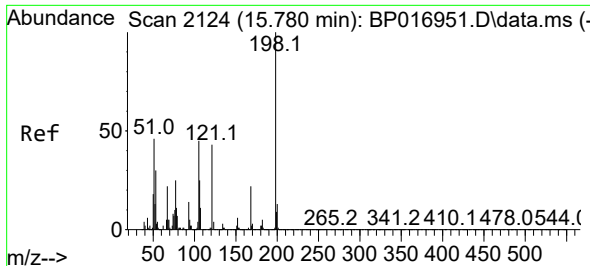
Tgt Ion:204 Resp: 305651
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 62.9 46.2 69.4



#63
4-Nitroaniline
Concen: 6.623 ng/ul
RT: 15.751 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion:138 Resp: 75953
Ion Ratio Lower Upper
138 100
92 54.7 41.9 62.9
108 94.9 70.3 105.5

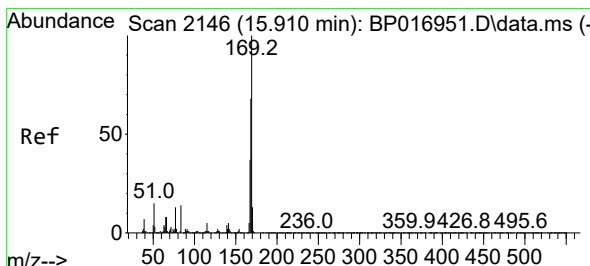
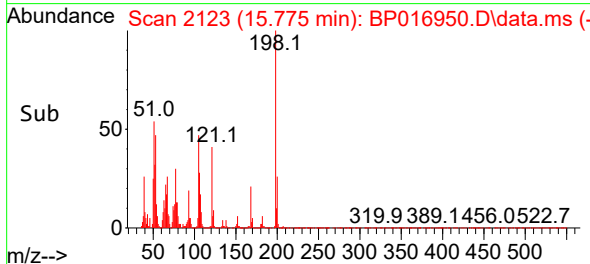
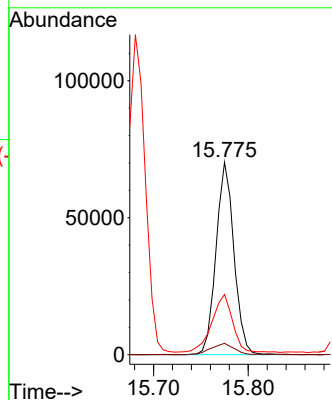
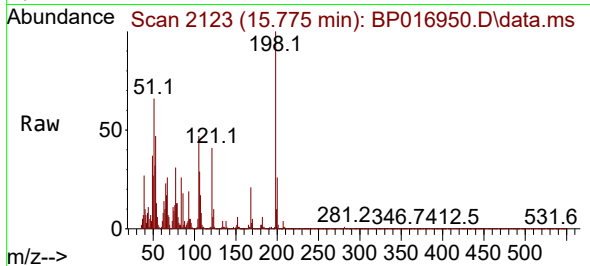




#66
4,6-Dinitro-2-methylphenol
Concen: 8.104 ng/ul
RT: 15.775 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

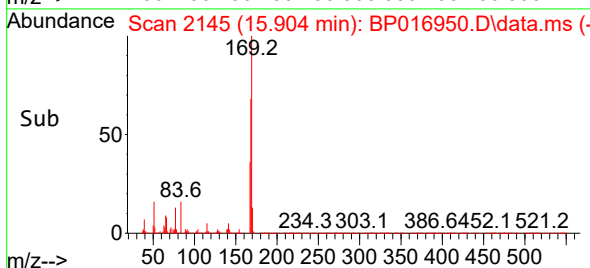
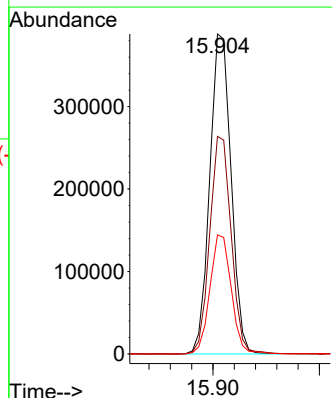
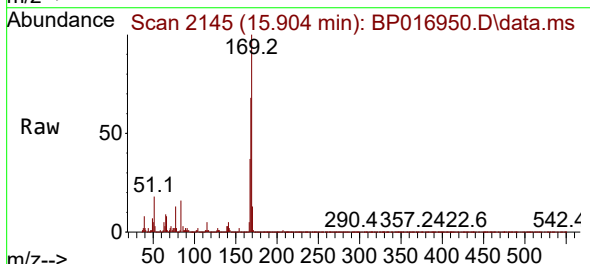
Instrument :
BNA_P
ClientSampleId :
SSTD010646

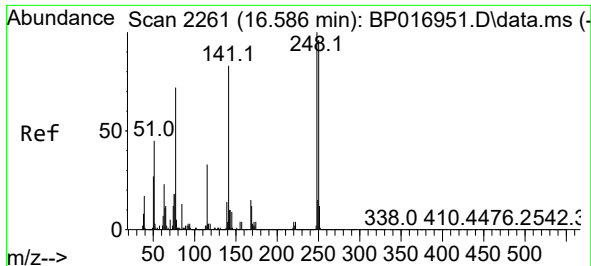
Tgt Ion:198 Resp: 92487
Ion Ratio Lower Upper
198 100
182 5.9 3.6 5.4#
77 31.3 21.4 32.0



#67
N-Nitrosodiphenylamine
Concen: 9.899 ng/ul
RT: 15.904 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion:169 Resp: 540270
Ion Ratio Lower Upper
169 100
168 68.0 54.2 81.4
167 37.2 29.4 44.2

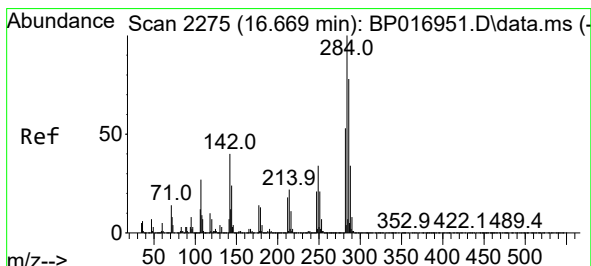
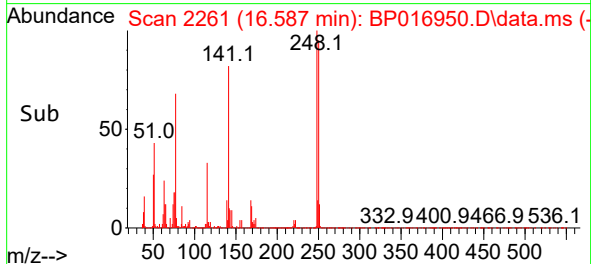
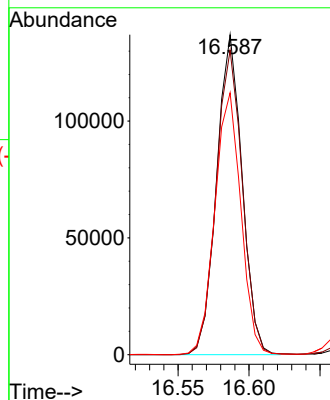
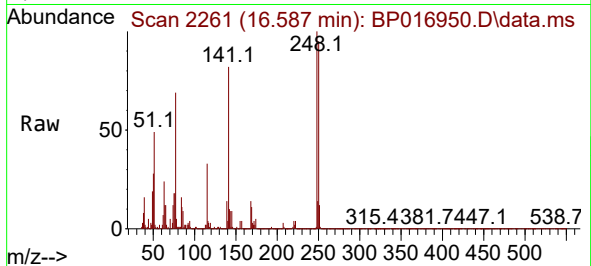




#68
4-Bromophenyl-phenylether
Concen: 9.505 ng/ul
RT: 16.587 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

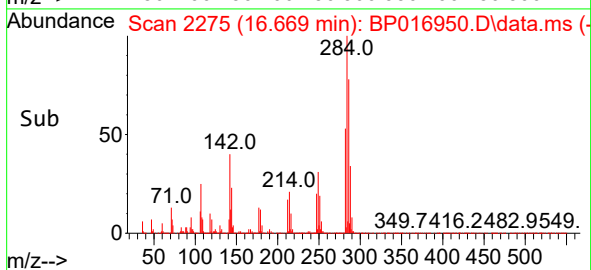
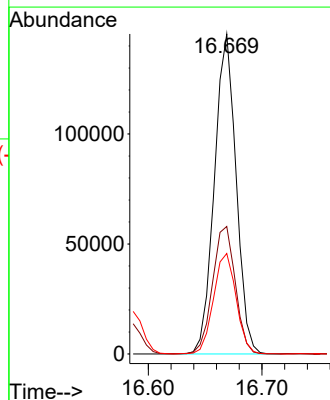
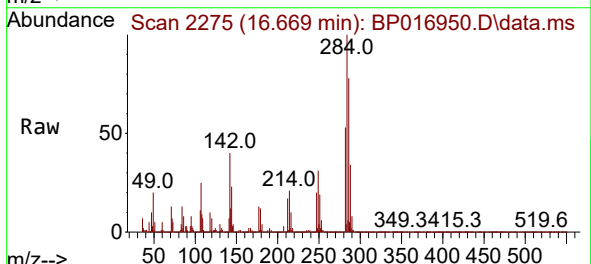
Instrument :
BNA_P
ClientSampleId :
SSTD010646

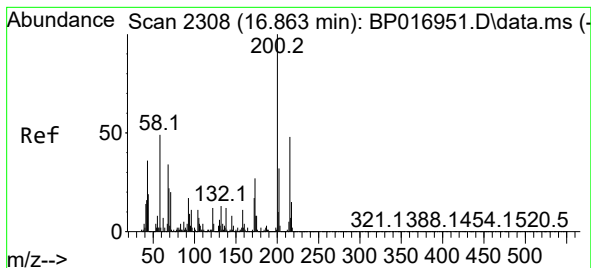
Tgt Ion:248 Resp: 171171
Ion Ratio Lower Upper
248 100
250 95.2 76.8 115.2
141 81.9 66.3 99.5



#69
Hexachlorobenzene
Concen: 9.781 ng/ul
RT: 16.669 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion:284 Resp: 193075
Ion Ratio Lower Upper
284 100
142 39.9 31.9 47.9
249 31.4 27.0 40.6





#70

Atrazine

Concen: 9.933 ng/ul

RT: 16.863 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

Instrument :

BNA_P

ClientSampleId :

SSTD010646

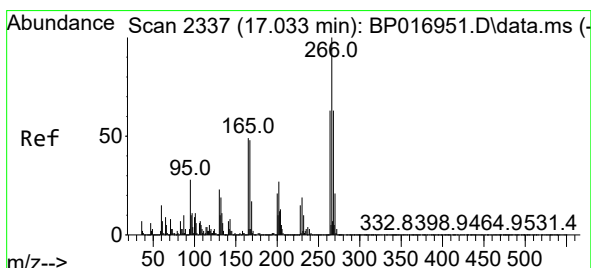
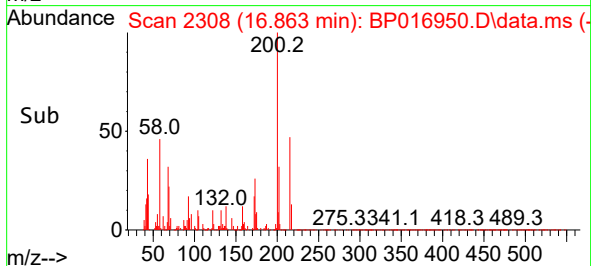
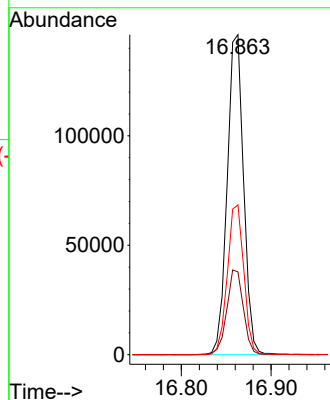
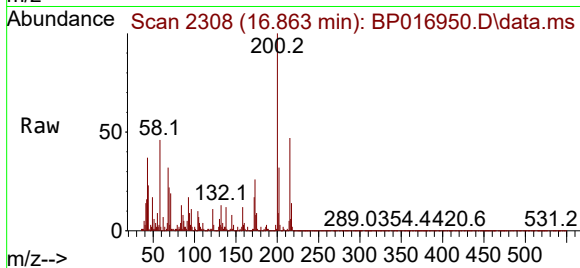
Tgt Ion:200 Resp: 185610

Ion Ratio Lower Upper

200 100

173 25.8 21.8 32.8

215 46.8 38.3 57.5



#71

Pentachlorophenol

Concen: 8.438 ng/ul

RT: 17.034 min Scan# 2337

Delta R.T. 0.000 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

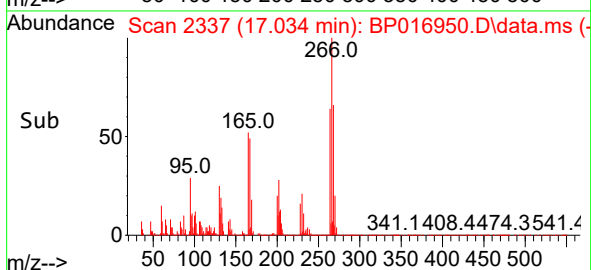
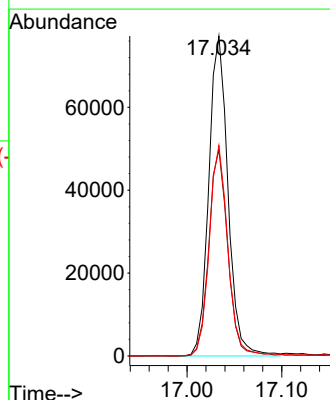
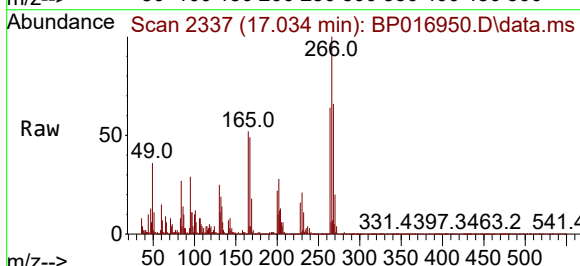
Tgt Ion:266 Resp: 108625

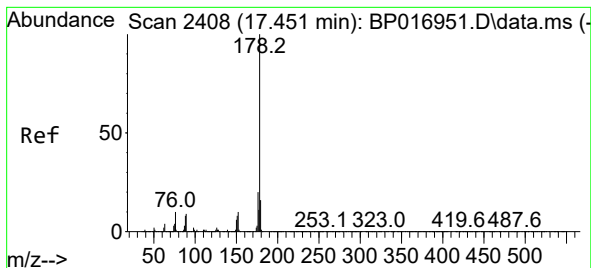
Ion Ratio Lower Upper

266 100

264 64.4 50.4 75.6

268 65.8 50.4 75.6





#72

Phenanthrene

Concen: 9.854 ng/ul

RT: 17.451 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

Instrument :

BNA_P

ClientSampleId :

SSTD010646

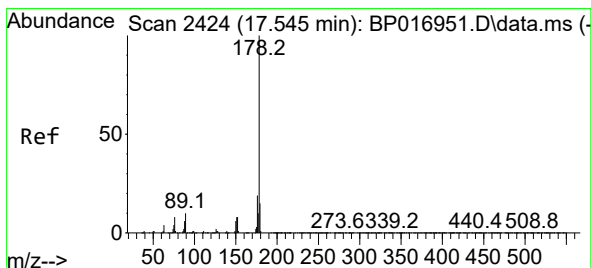
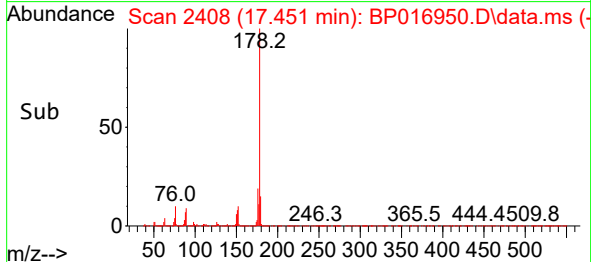
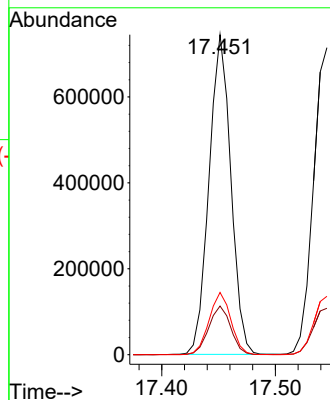
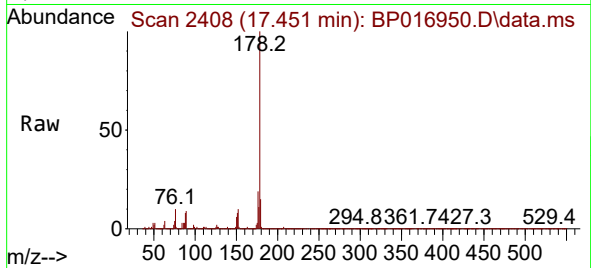
Tgt Ion:178 Resp: 991117

Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

176 19.4 15.8 23.8



#74

Anthracene

Concen: 9.924 ng/ul

RT: 17.545 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

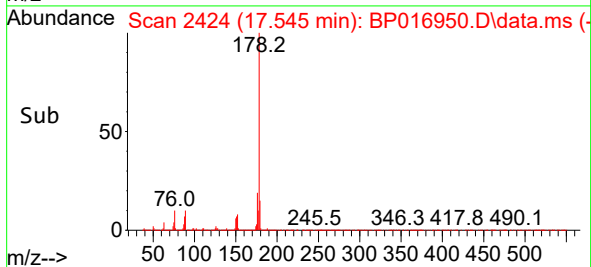
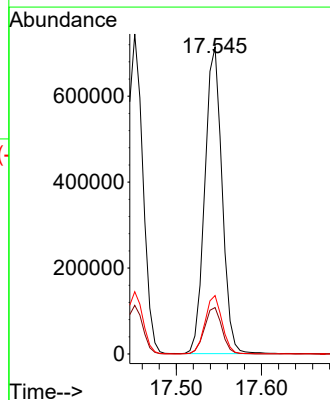
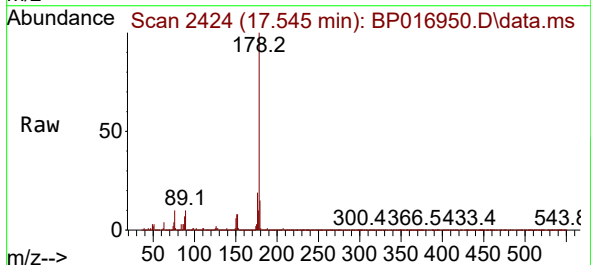
Tgt Ion:178 Resp: 1003411

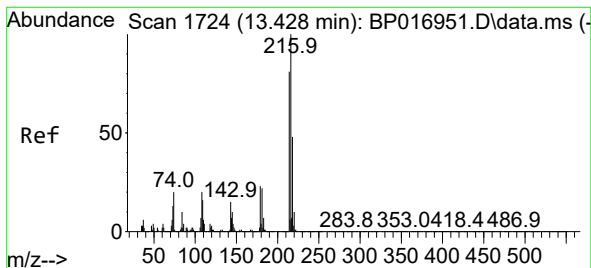
Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

176 19.0 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 9.799 ng/uL

RT: 13.428 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

Instrument :

BNA_P

ClientSampleId :

SSTD010646

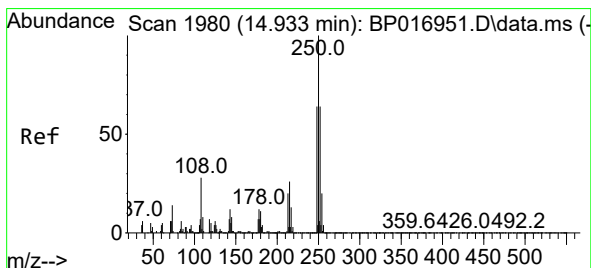
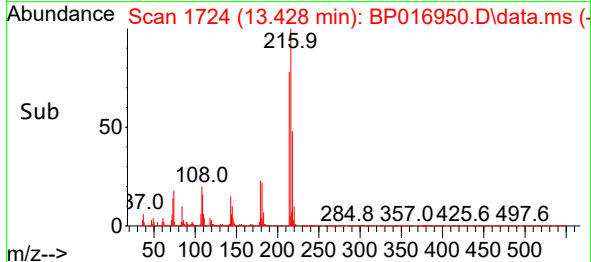
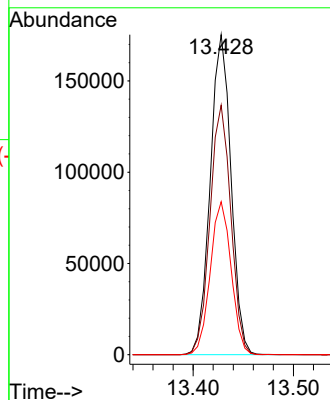
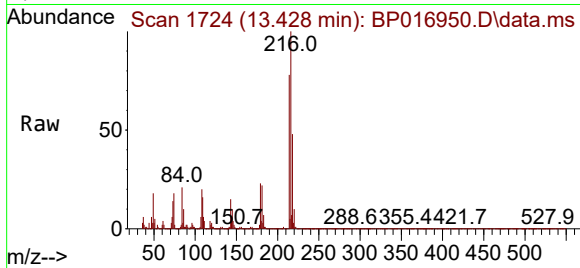
Tgt Ion:216 Resp: 252657

Ion Ratio Lower Upper

216 100

214 78.0 64.5 96.7

218 47.8 38.6 57.8



#76

Pentachlorobenzene

Concen: 9.767 ng/uL

RT: 14.934 min Scan# 1980

Delta R.T. 0.000 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

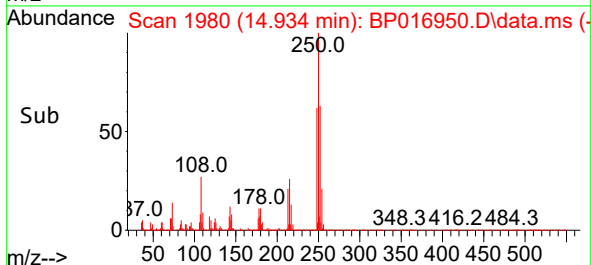
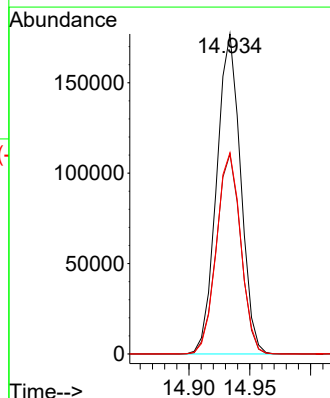
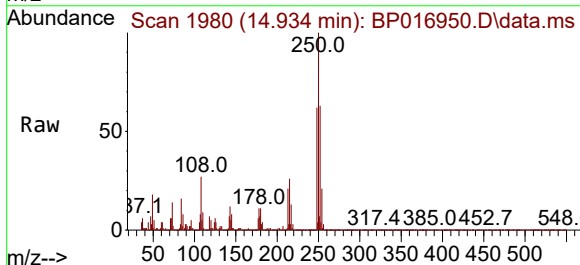
Tgt Ion:250 Resp: 242562

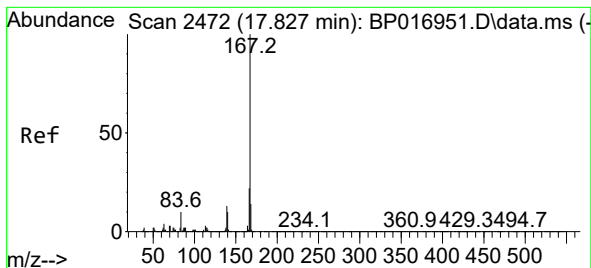
Ion Ratio Lower Upper

250 100

248 62.5 51.2 76.8

252 62.9 50.9 76.3





#77

Carbazole

Concen: 9.920 ng/ul

RT: 17.828 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

Instrument :

BNA_P

ClientSampleId :

SSTD010646

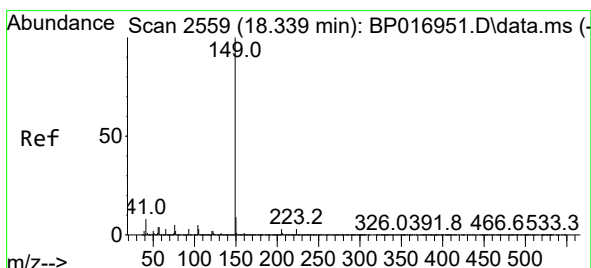
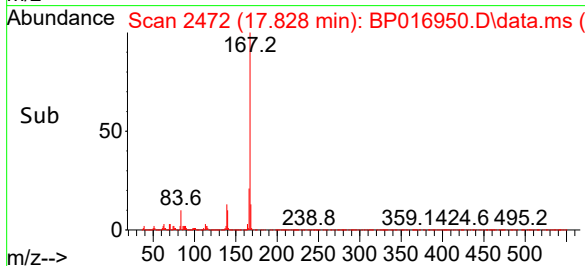
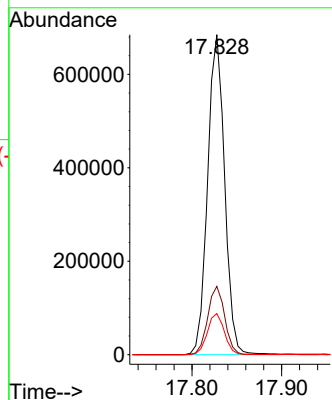
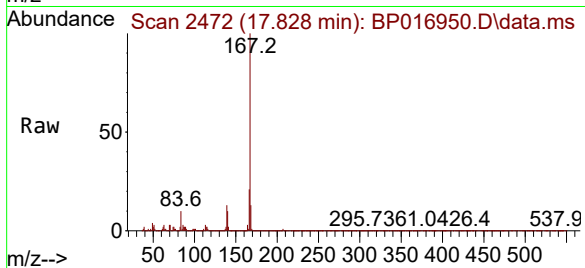
Tgt Ion:167 Resp: 901362

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

139 12.9 10.3 15.5



#78

Di-n-butylphthalate

Concen: 9.633 ng/ul

RT: 18.339 min Scan# 2559

Delta R.T. 0.000 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

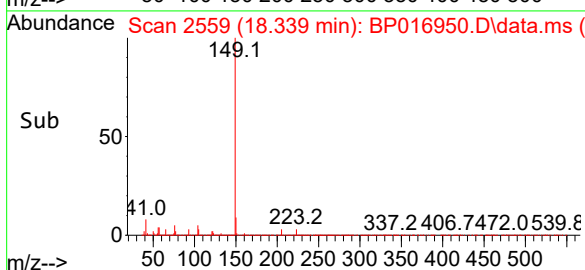
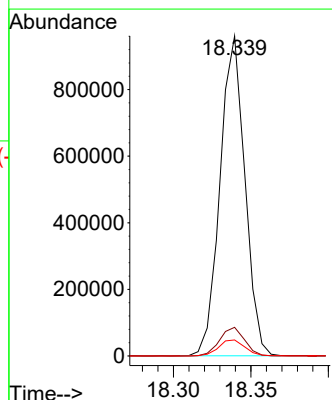
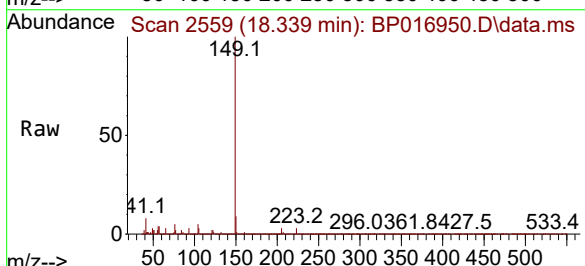
Tgt Ion:149 Resp: 1072289

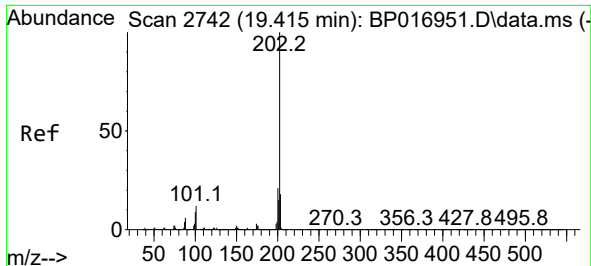
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 5.0 4.2 6.4

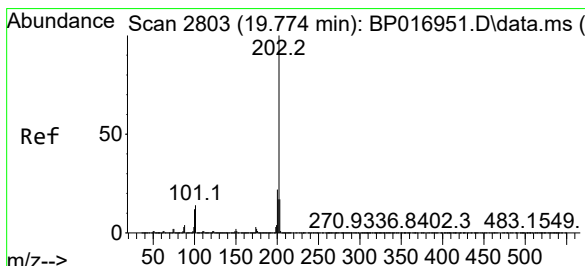
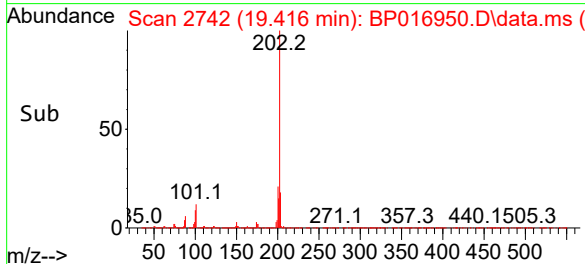
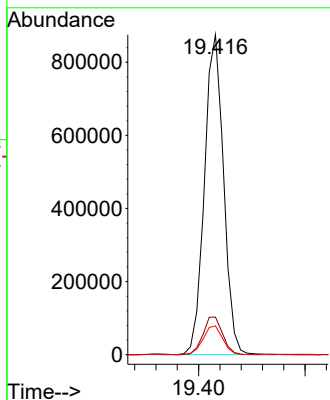
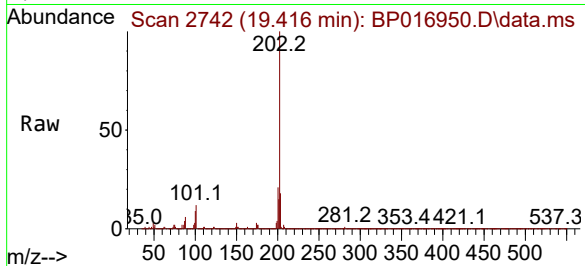




#80
Fluoranthene
Concen: 9.913 ng/ul
RT: 19.416 min Scan# 2742
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

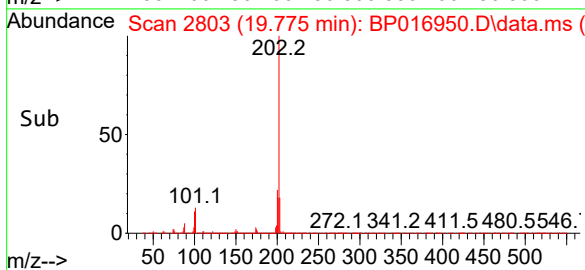
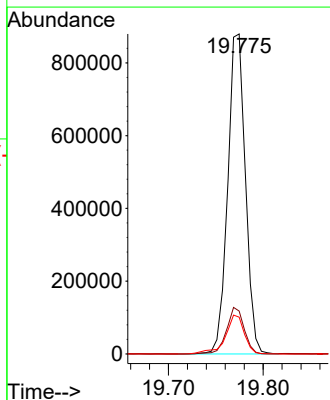
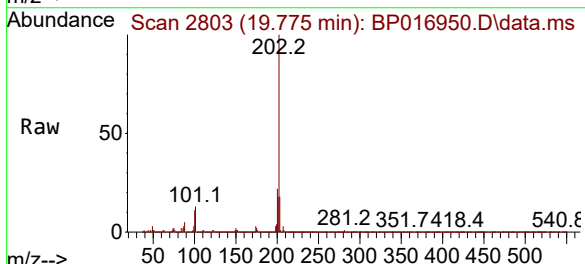
Instrument :
BNA_P
ClientSampleId :
SSTD010646

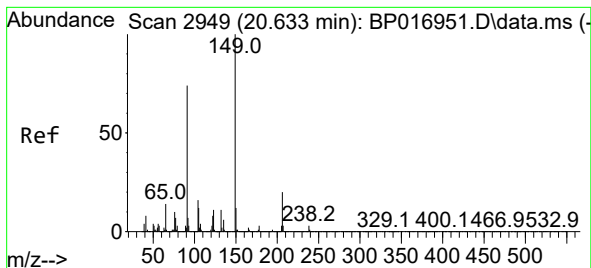
Tgt Ion:202 Resp: 1092967
Ion Ratio Lower Upper
202 100
101 11.7 10.0 15.0
100 9.0 7.5 11.3



#82
Pyrene
Concen: 9.983 ng/ul
RT: 19.775 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion:202 Resp: 1142761
Ion Ratio Lower Upper
202 100
101 13.4 11.3 16.9
100 11.5 9.4 14.0





#83

Butylbenzylphthalate

Concen: 9.229 ng/ul

RT: 20.633 min Scan# 2949

Delta R.T. 0.000 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

Instrument :

BNA_P

ClientSampleId :

SSTD010646

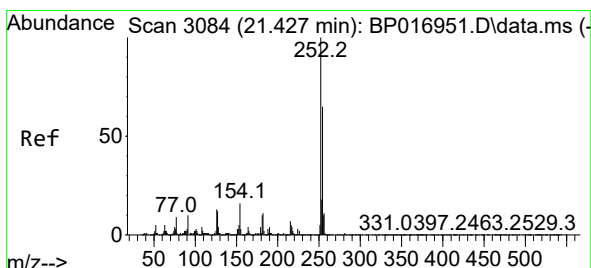
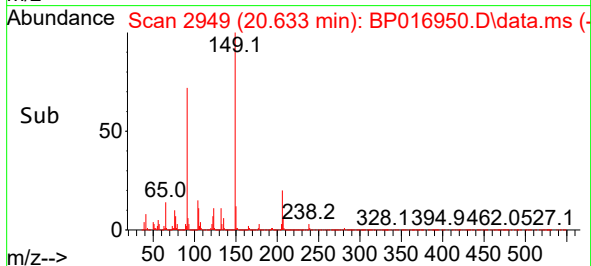
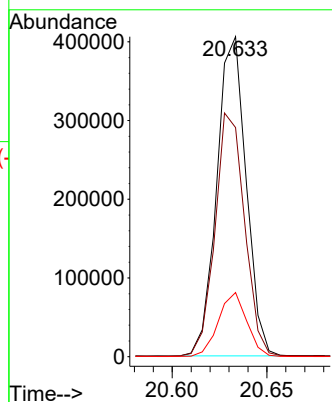
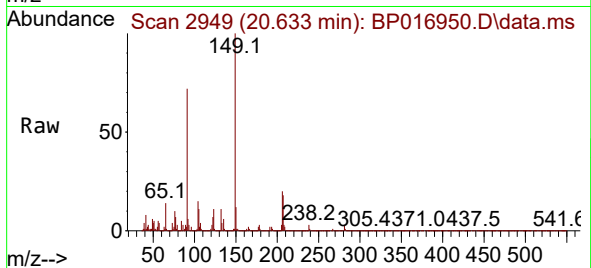
Tgt Ion:149 Resp: 436919

Ion Ratio Lower Upper

149 100

91 71.6 59.1 88.7

206 20.0 15.7 23.5



#84

3,3'-Dichlorobenzidine

Concen: 7.960 ng/ul

RT: 21.428 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

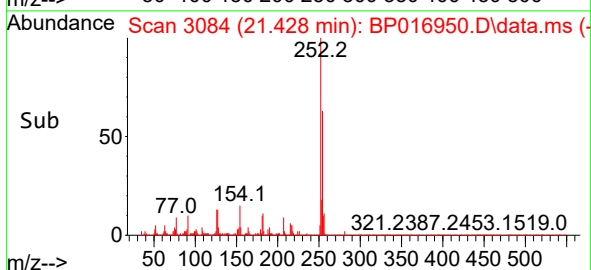
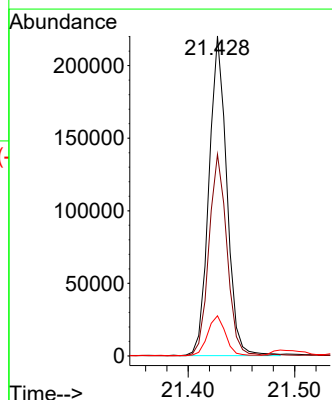
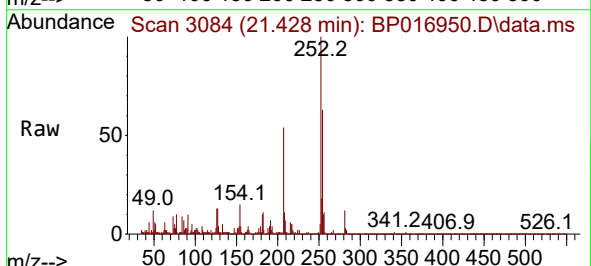
Tgt Ion:252 Resp: 256099

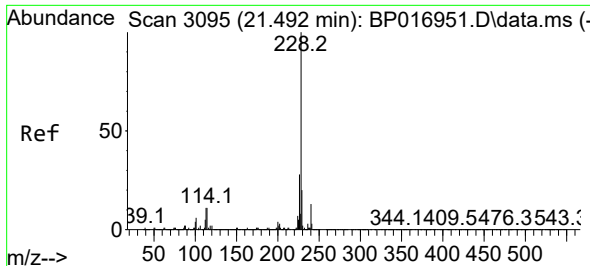
Ion Ratio Lower Upper

252 100

254 63.0 51.8 77.6

126 12.5 10.4 15.6

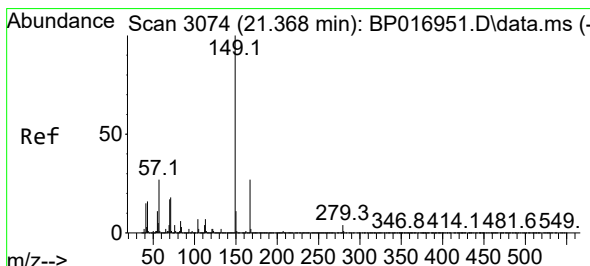
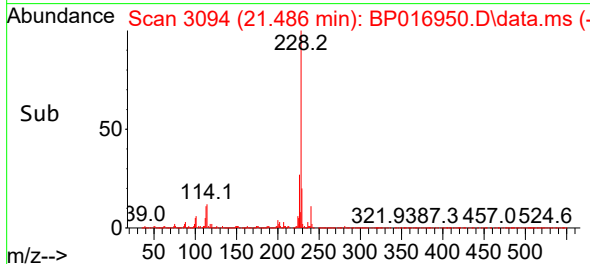
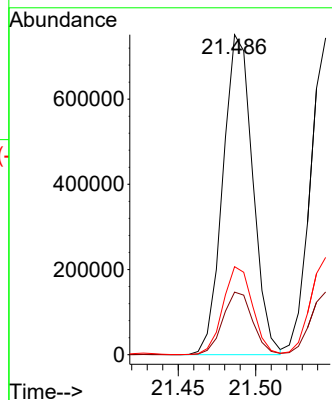
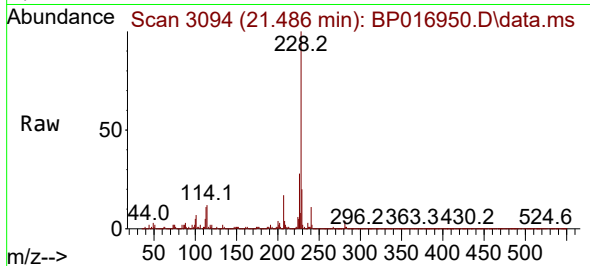




#85
Benzo(a)anthracene
Concen: 9.847 ng/ul
RT: 21.486 min Scan# 3095
Delta R.T. -0.005 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

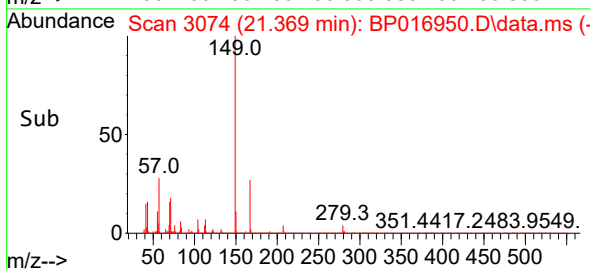
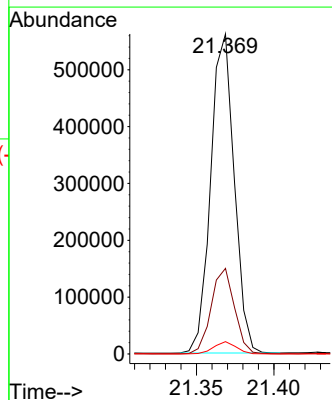
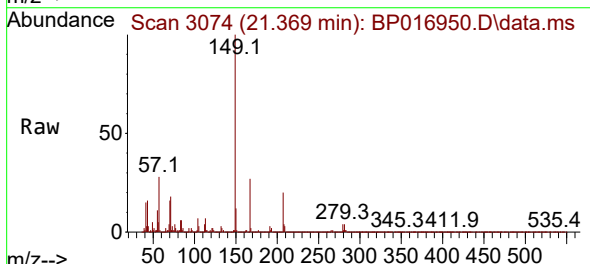
Instrument :
BNA_P
ClientSampleId :
SSTD010646

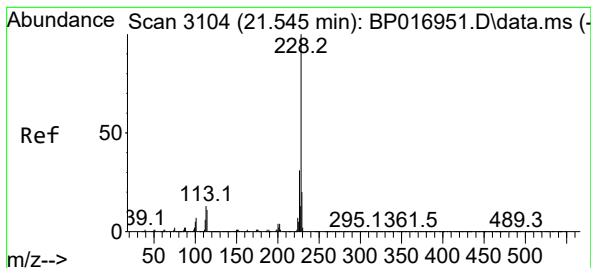
Tgt Ion:228 Resp: 1005356
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.8
226 27.5 22.2 33.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 9.069 ng/ul
RT: 21.369 min Scan# 3074
Delta R.T. 0.000 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion:149 Resp: 593118
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.2
279 3.9 3.0 4.4





#87

Chrysene

Concen: 9.863 ng/ul

RT: 21.545 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

Instrument :

BNA_P

ClientSampleId :

SSTD010646

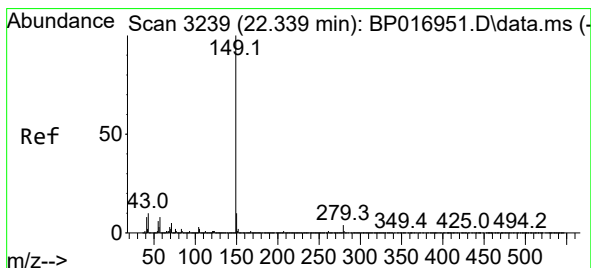
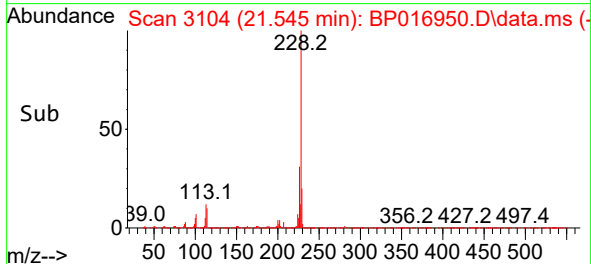
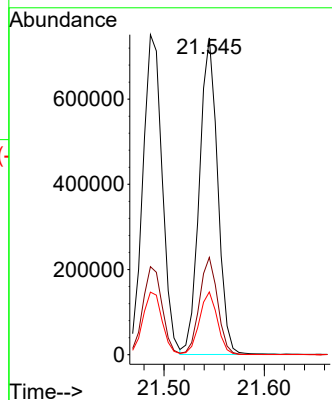
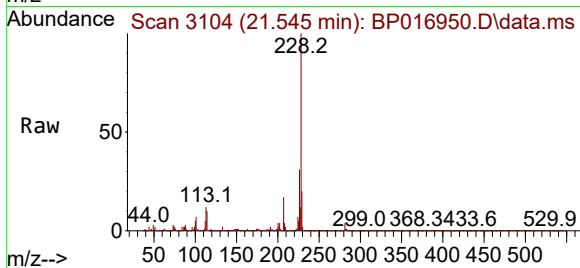
Tgt Ion:228 Resp: 942018

Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

229 19.8 15.9 23.9



#89

Di-n-octyl phthalate

Concen: 8.480 ng/ul

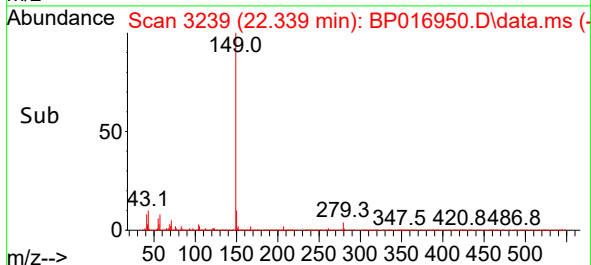
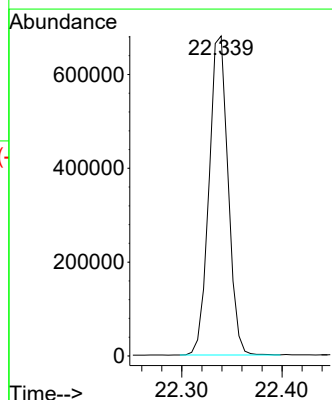
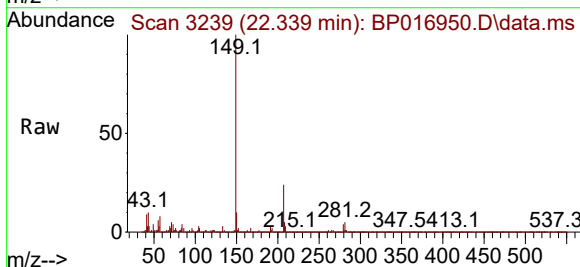
RT: 22.339 min Scan# 3239

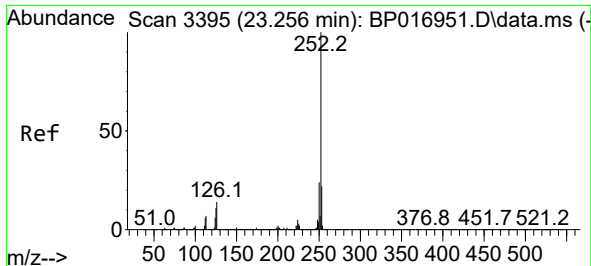
Delta R.T. 0.000 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

Tgt Ion:149 Resp: 897470

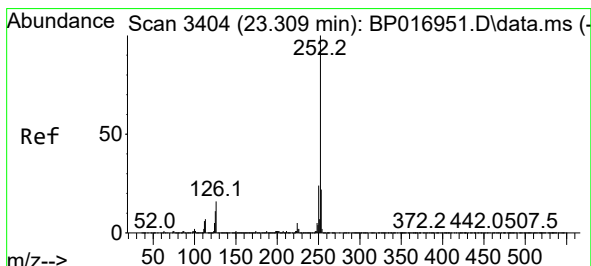
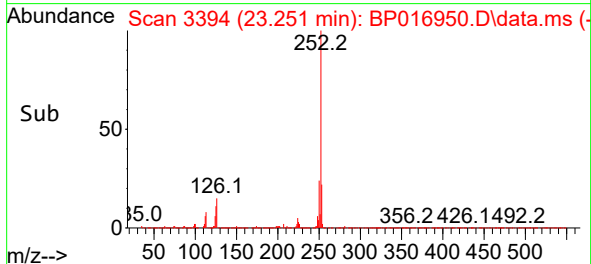
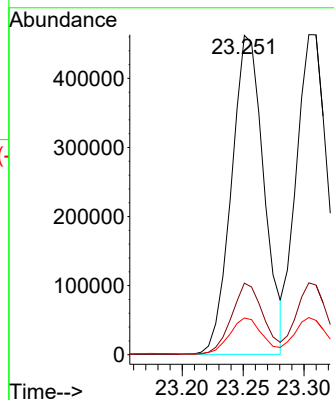
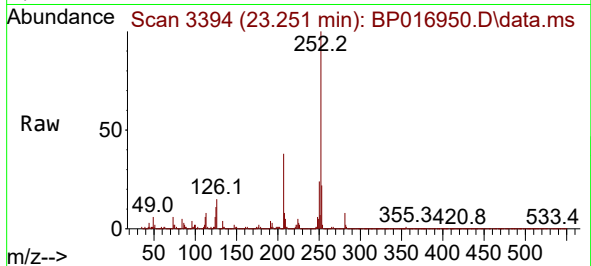




#90
Benzo(b)fluoranthene
Concen: 9.705 ng/ul
RT: 23.251 min Scan# 31
Delta R.T. -0.005 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

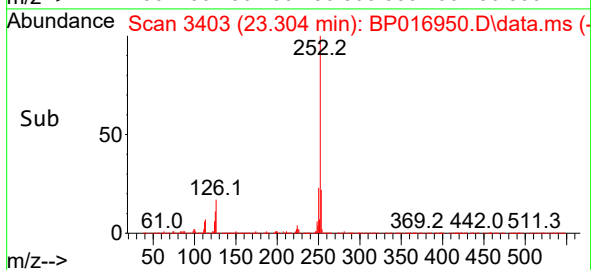
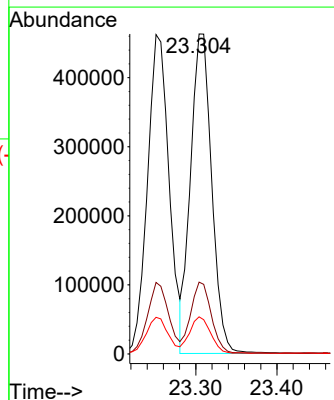
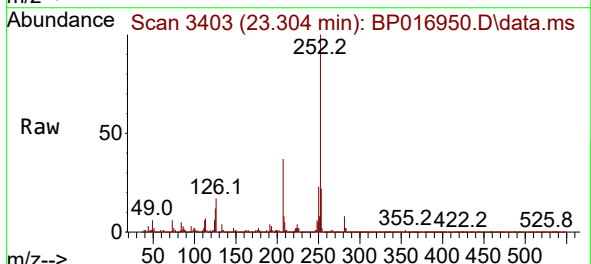
Instrument :
BNA_P
ClientSampleId :
SSTD010646

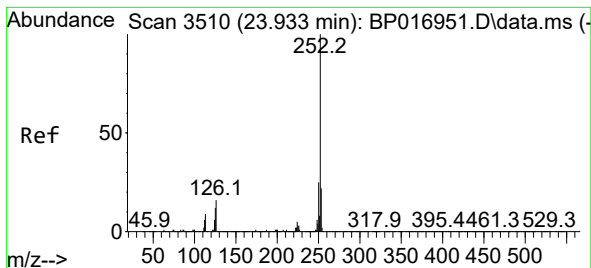
Tgt Ion:252 Resp: 856048
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 11.5 8.8 13.2



#91
Benzo(k)fluoranthene
Concen: 9.817 ng/ul
RT: 23.304 min Scan# 3403
Delta R.T. -0.005 min
Lab File: BP016950.D
Acq: 05 Sep 2023 12:06

Tgt Ion:252 Resp: 838502
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 11.6 8.9 13.3





#93

Benzo(a)pyrene

Concen: 9.782 ng/ul

RT: 23.927 min Scan# 3

Delta R.T. -0.005 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

Instrument :

BNA_P

ClientSampleId :

SSTD010646

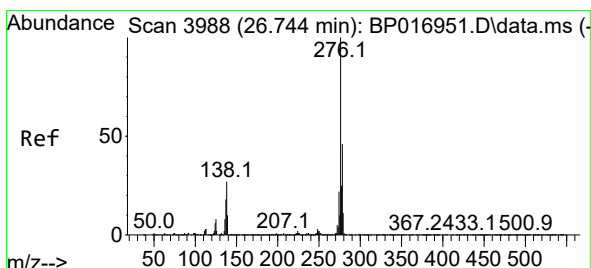
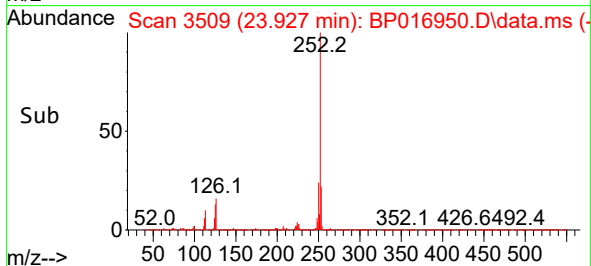
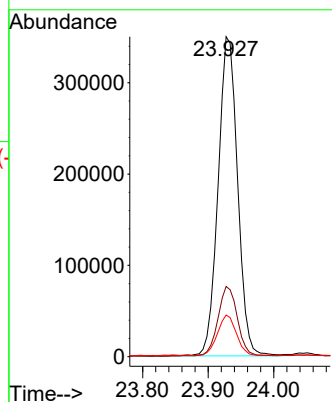
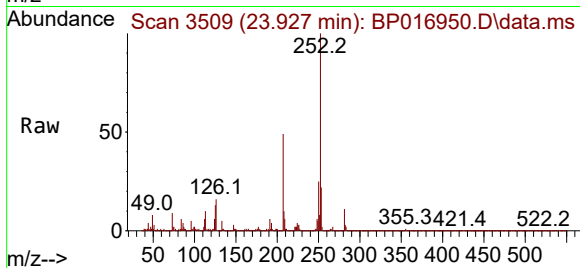
Tgt Ion:252 Resp: 719650

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 13.0 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.358 ng/ul

RT: 26.739 min Scan# 3987

Delta R.T. -0.005 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

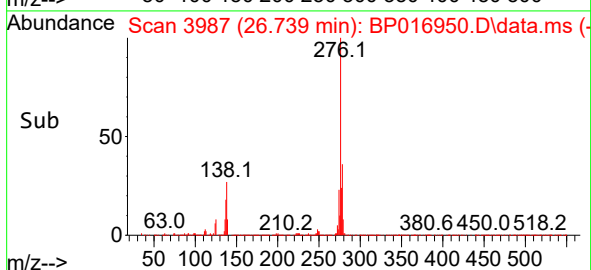
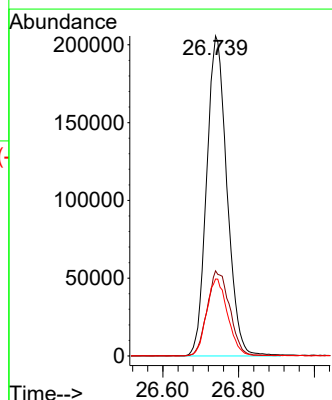
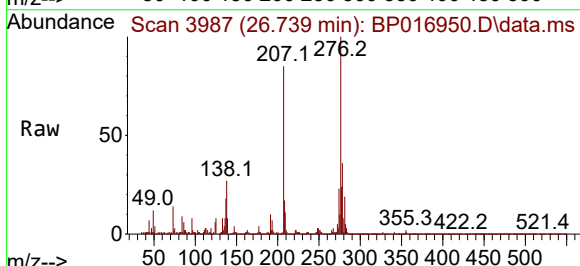
Tgt Ion:276 Resp: 764254

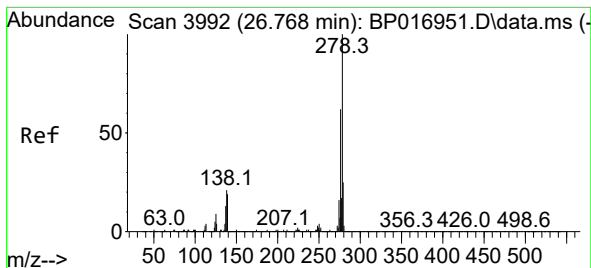
Ion Ratio Lower Upper

276 100

138 26.6 21.4 32.0

277 24.1 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 9.336 ng/ul

RT: 26.763 min Scan# 3991

Delta R.T. -0.005 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

Instrument :

BNA_P

ClientSampleId :

SSTD010646

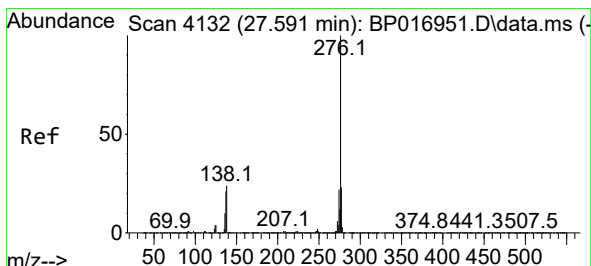
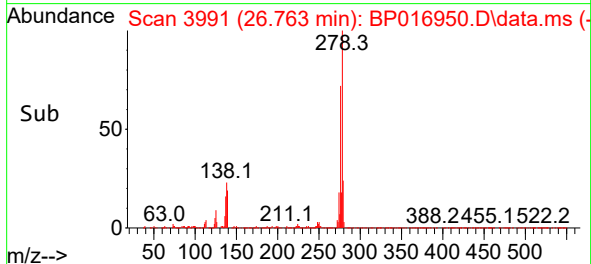
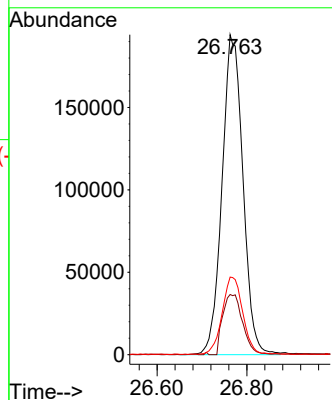
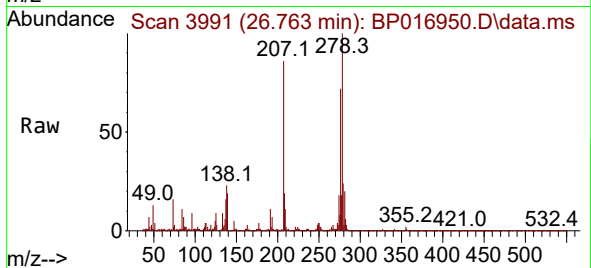
Tgt Ion:278 Resp: 629309

Ion Ratio Lower Upper

278 100

139 18.8 14.9 22.3

279 24.2 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 9.347 ng/ul

RT: 27.586 min Scan# 4131

Delta R.T. -0.005 min

Lab File: BP016950.D

Acq: 05 Sep 2023 12:06

Tgt Ion:276 Resp: 601524

Ion Ratio Lower Upper

276 100

138 25.3 19.5 29.3

277 25.1 18.7 28.1

