

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP015174.D
 Acq On : 19 May 2023 15:55
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020721

Quant Time: May 19 22:12:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 01:07:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	254617	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1278088	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	808273	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1770305	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1633001	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1680010	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	60989	9.307	ng/uL	0.00
4) Pyridine-d5	3.870	84	365812	19.693	ng/u1	0.00
7) Phenol-d5	7.275	99	491421	20.787	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	293271	21.479	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	365634	21.035	ng/u1	0.00
15) 4-Methylphenol-d8	8.840	113	403040	21.395	ng/u1	0.00
21) Nitrobenzene-d5	9.299	128	190797	18.998	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	221685	19.838	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	443702	22.004	ng/u1	0.00
31) 4-Chloroaniline-d4	11.093	131	665039	22.290	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	1323772	21.674	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1517605	21.725	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	250143	21.091	ng/u1	0.00
60) Fluorene-d10	15.757	176	1137725	22.075	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	208209	18.662	ng/u1	0.00
73) Anthracene-d10	17.616	188	1773509	21.878	ng/u1	0.00
81) Pyrene-d10	19.833	212	2006297	21.183	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1789435	21.457	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	66157	9.395	ng/uL	98
5) Pyridine	3.887	79	384111	19.882	ng/u1	95
6) Benzaldehyde	7.258	77	130572	20.095	ng/u1	98
8) Phenol	7.305	94	504374	20.806	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.540	93	415927	21.445	ng/u1	98
12) 2-Chlorophenol	7.681	128	387495	21.076	ng/u1	97
13) 2-Methylphenol	8.569	108	398192	21.253	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.658	45	545085	22.432	ng/u1	98
16) Acetophenone	8.958	105	643896	21.901	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.940	70	331234	21.482	ng/u1	98
18) 4-Methylphenol	8.899	108	443322	21.498	ng/u1	99
19) Hexachloroethane	9.216	117	161404	21.500	ng/u1	97
22) Nitrobenzene	9.346	77	488243	19.684	ng/u1	99
23) Isophorone	9.875	82	985442	19.328	ng/u1	99
25) 2-Nitrophenol	10.063	139	241377	19.698	ng/u1	98
26) 2,4-Dimethylphenol	10.116	107	491924	20.117	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.357	93	665861	21.465	ng/u1	97
29) 2,4-Dichlorophenol	10.599	162	443877	21.792	ng/u1	98
30) Naphthalene	11.004	128	1507295	21.692	ng/u1	100
32) 4-Chloroaniline	11.116	127	696029	22.698	ng/u1	100
33) Hexachlorobutadiene	11.287	225	263254	21.444	ng/u1	99
34) Caprolactam	11.887	113	156383	20.364	ng/u1	86
35) 4-Chloro-3-methylphenol	12.222	107	506759	22.034	ng/u1	99
36) 2-Methylnaphthalene	12.604	142	1017760	21.739	ng/u1	99

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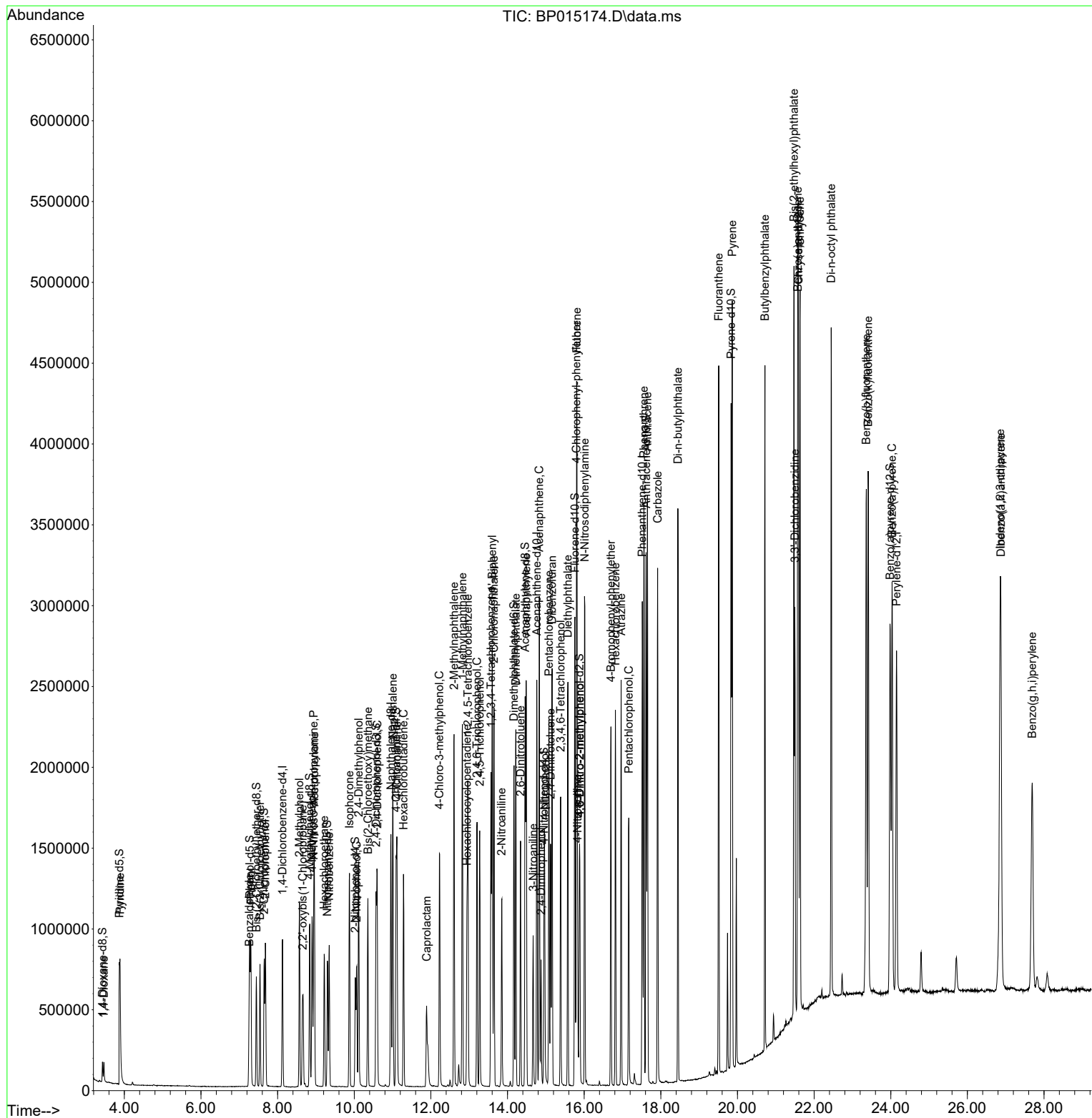
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37) 1-Methylnaphthalene	12.822	142	1027987	21.865	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	534129	22.095	ng/ul	98
40) Hexachlorocyclopentadiene	12.940	237	266280	17.001	ng/ul	98
41) 2,4,6-Trichlorophenol	13.204	196	368608	21.594	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	404837	21.874	ng/ul	98
43) 1,1'-Biphenyl	13.598	154	1390488	22.173	ng/ul	98
44) 2-Chloronaphthalene	13.646	162	1088297	22.222	ng/ul	99
45) 2-Nitroaniline	13.845	65	322316	23.001	ng/ul	90
47) Dimethylphthalate	14.216	163	1369116	21.524	ng/ul	100
48) 2,6-Dinitrotoluene	14.340	165	272902	21.656	ng/ul	100
50) Acenaphthylene	14.487	152	1725944	22.144	ng/ul	99
51) 3-Nitroaniline	14.669	138	224406	19.776	ng/ul	96
52) Acenaphthene	14.828	153	1174822	22.069	ng/ul	98
53) 2,4-Dinitrophenol	14.875	184	152124	18.181	ng/ul	94
55) 4-Nitrophenol	14.969	109	198576	22.764	ng/ul	97
56) Dibenzofuran	15.163	168	1627602	21.982	ng/ul	99
57) 2,4-Dinitrotoluene	15.122	165	397470	21.797	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.387	232	339740	21.750	ng/ul	97
59) Diethylphthalate	15.575	149	1379755	21.748	ng/ul	100
61) Fluorene	15.810	166	1332299	22.390	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.798	204	639464	21.994	ng/ul	100
63) 4-Nitroaniline	15.828	138	203989	20.817	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.887	198	220426	19.144	ng/ul	99
67) N-Nitrosodiphenylamine	16.016	169	1140852	21.917	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	397054	21.775	ng/ul	99
69) Hexachlorobenzene	16.816	284	465468	21.601	ng/ul	97
70) Atrazine	16.963	200	416574	21.651	ng/ul	99
71) Pentachlorophenol	17.163	266	277966	20.622	ng/ul	98
72) Phenanthrene	17.557	178	2124130	22.035	ng/ul	100
74) Anthracene	17.651	178	2160253	22.161	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	547553	21.815	ng/ul	99
76) Pentachlorobenzene	15.081	250	555053	22.024	ng/ul	99
77) Carbazole	17.916	167	1965660	22.996	ng/ul	99
78) Di-n-butylphthalate	18.445	149	2402544	21.826	ng/ul	100
80) Fluoranthene	19.510	202	2467209	21.373	ng/ul	100
82) Pyrene	19.863	202	2563167	21.501	ng/ul	99
83) Butylbenzylphthalate	20.716	149	1126844	21.322	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.498	252	738586	20.594	ng/ul	99
85) Benzo(a)anthracene	21.575	228	2447471	21.676	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	1640457	21.561	ng/ul	99
87) Chrysene	21.633	228	2331426	21.600	ng/ul	98
89) Di-n-octyl phthalate	22.445	149	2803214	24.363	ng/ul	100
90) Benzo(b)fluoranthene	23.363	252	2379839	22.345	ng/ul	100
91) Benzo(k)fluoranthene	23.410	252	2357924	23.057	ng/ul	100
93) Benzo(a)pyrene	24.033	252	2021498	21.474	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.857	276	2277416	18.684	ng/ul	99
95) Dibenzo(a,h)anthracene	26.874	278	1884570	18.835	ng/ul	99
96) Benzo(g,h,i)perylene	27.692	276	1791554	18.024	ng/ul	99

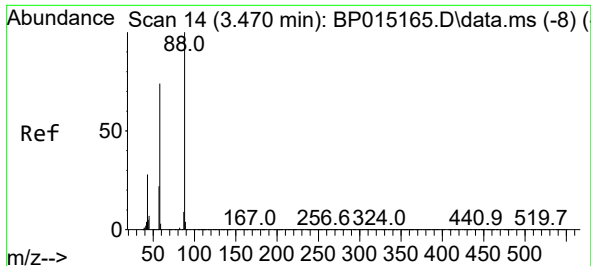
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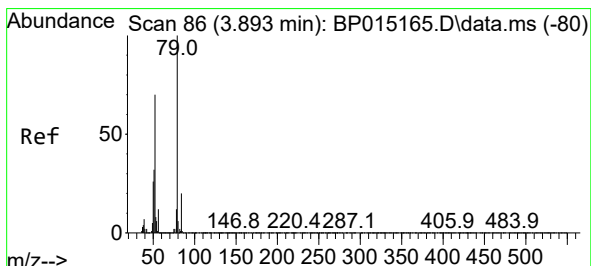
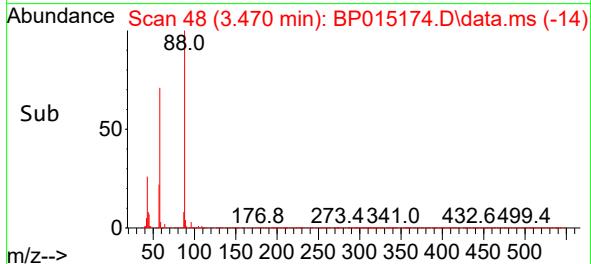
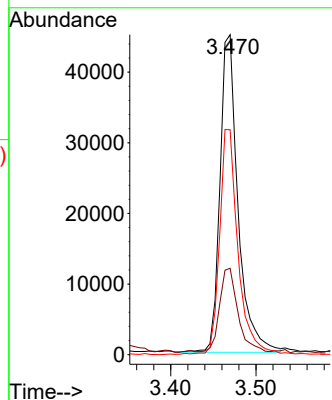
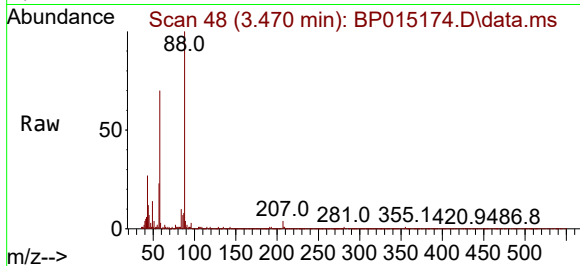




#2
1,4-Dioxane
Concen: 9.395 ng/uL
RT: 3.470 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP015174.D
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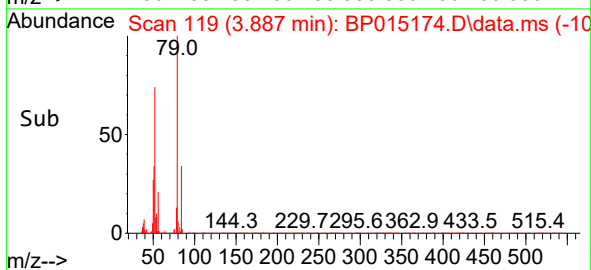
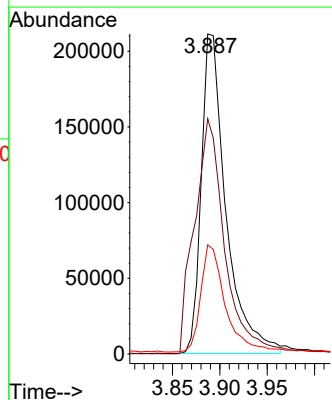
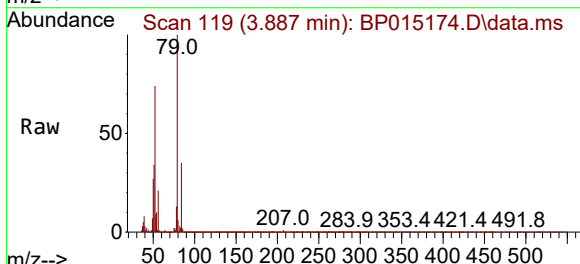
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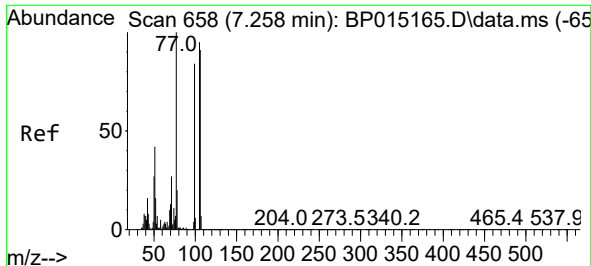
Tgt Ion: 88 Resp: 66157
Ion Ratio Lower Upper
88 100
43 27.0 20.4 30.6
58 70.3 55.4 83.2



#5
Pyridine
Concen: 19.882 ng/uL
RT: 3.887 min Scan# 119
Delta R.T. -0.006 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion: 79 Resp: 384111
Ion Ratio Lower Upper
79 100
52 73.5 55.4 83.2
51 34.1 25.4 38.2

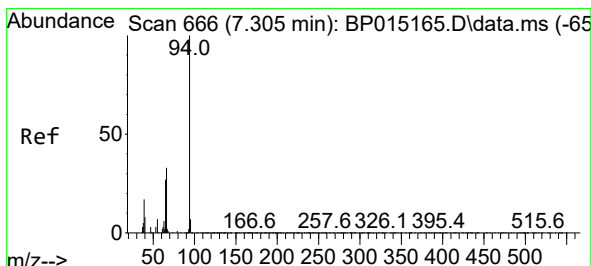
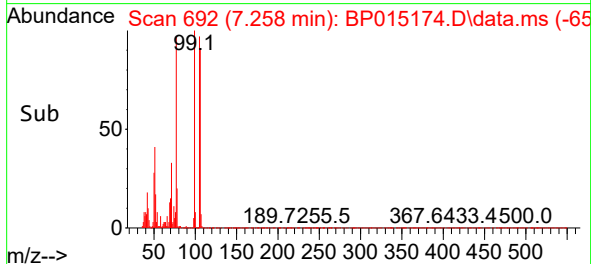
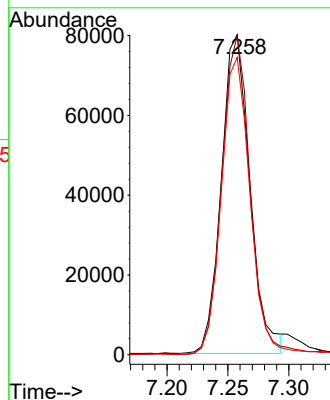
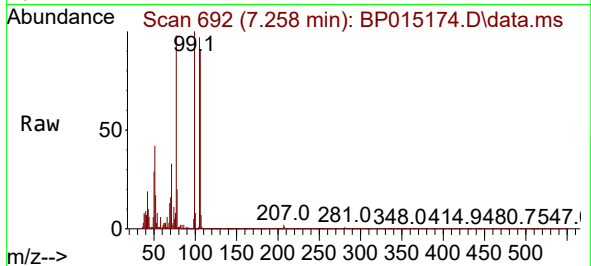




#6
Benzaldehyde
Concen: 20.095 ng/ul
RT: 7.258 min Scan# 658
Delta R.T. 0.000 min
Lab File: BP015174.D
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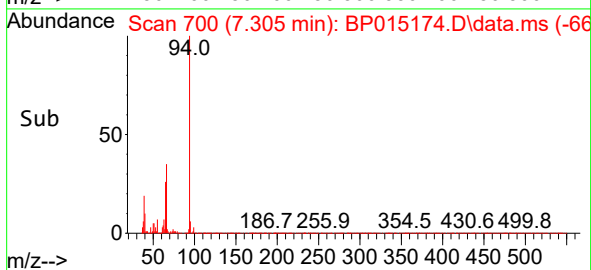
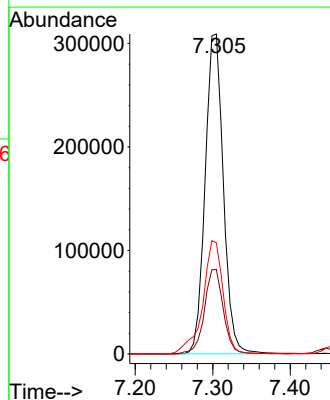
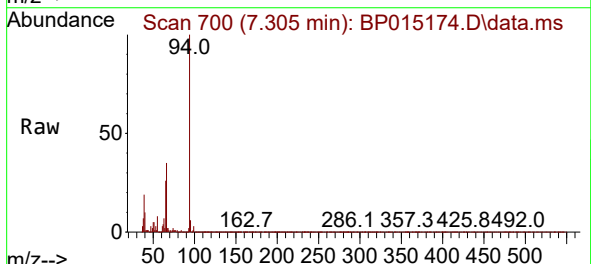
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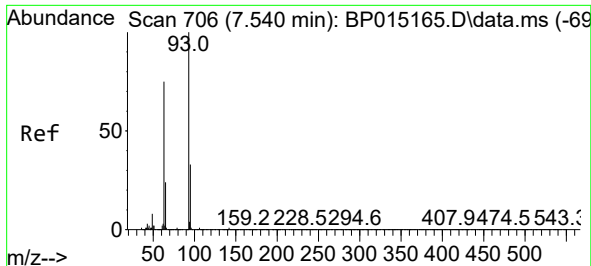
Tgt Ion: 77 Resp: 130572
Ion Ratio Lower Upper
77 100
105 99.7 76.9 115.3
106 92.9 75.0 112.6



#8
Phenol
Concen: 20.806 ng/ul
RT: 7.305 min Scan# 700
Delta R.T. 0.000 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion: 94 Resp: 504374
Ion Ratio Lower Upper
94 100
65 26.4 20.6 31.0
66 34.7 26.1 39.1

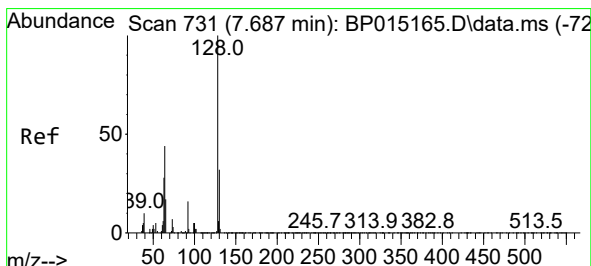
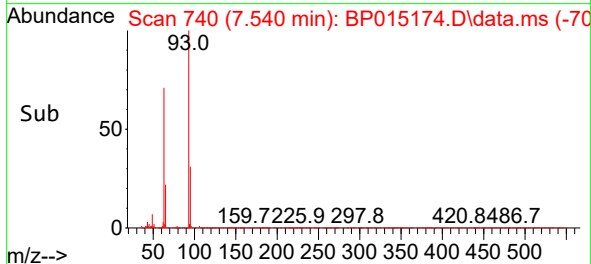
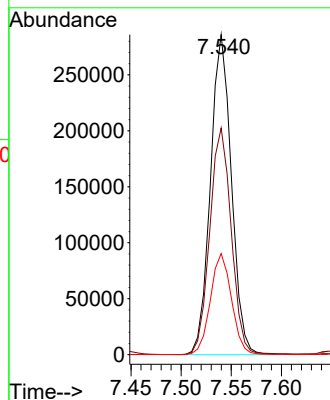
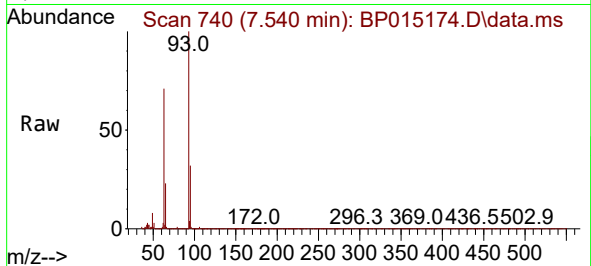




#10
Bis(2-Chloroethyl)ether
Concen: 21.445 ng/ul
RT: 7.540 min Scan# 740
Delta R.T. 0.000 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

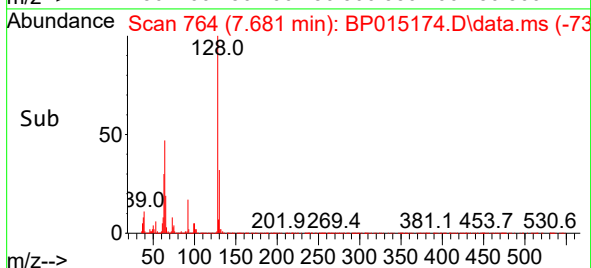
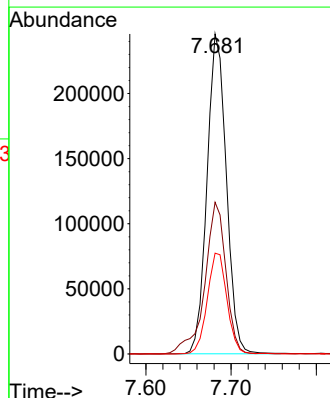
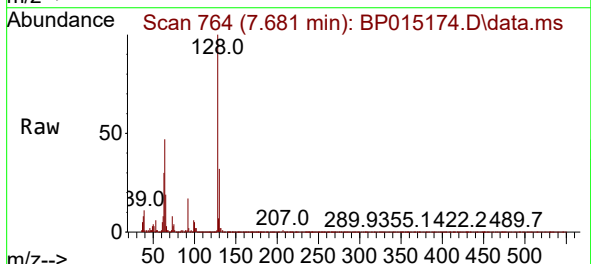
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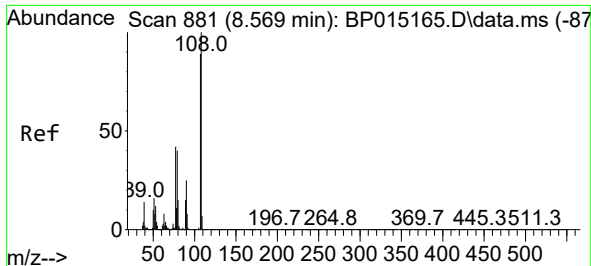
Tgt Ion: 93 Resp: 415927
Ion Ratio Lower Upper
93 100
63 70.9 58.0 87.0
95 31.6 26.4 39.6



#12
2-Chlorophenol
Concen: 21.076 ng/ul
RT: 7.681 min Scan# 764
Delta R.T. -0.006 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion:128 Resp: 387495
Ion Ratio Lower Upper
128 100
64 47.4 36.2 54.2
130 31.5 26.3 39.5





#13

2-Methylphenol

Concen: 21.253 ng/ul

RT: 8.569 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

Instrument :

BNA_P

ClientSampleId :

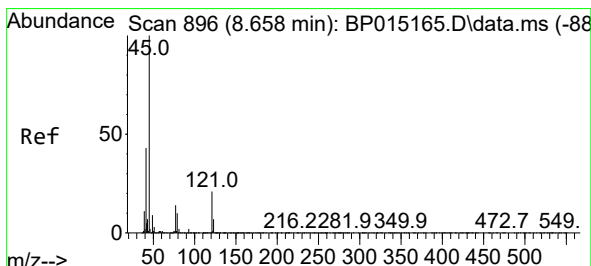
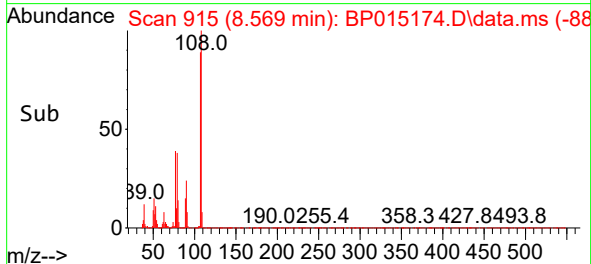
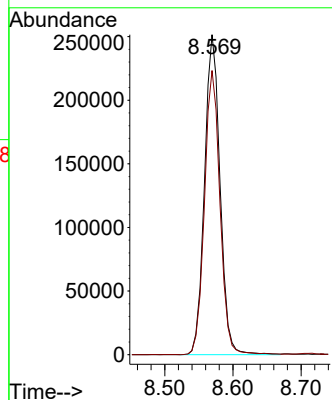
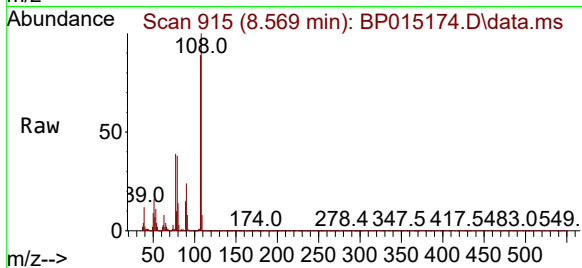
SSTD020721

Tgt Ion:108 Resp: 398192

Ion Ratio Lower Upper

108 100

107 88.8 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 22.432 ng/ul

RT: 8.658 min Scan# 930

Delta R.T. -0.006 min

Lab File: BP015174.D

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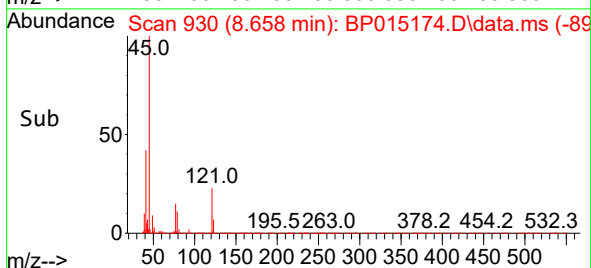
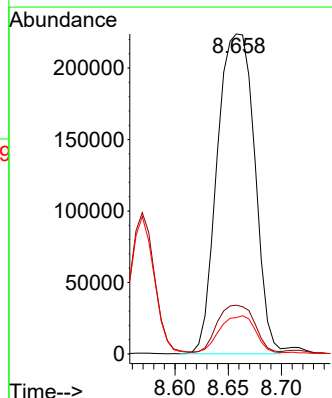
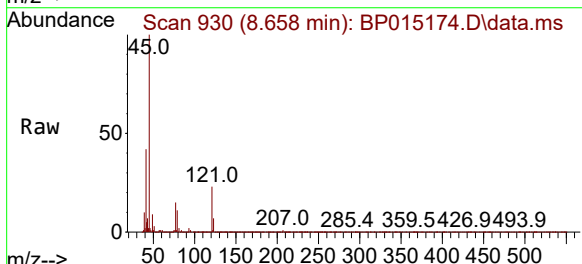
Tgt Ion: 45 Resp: 545085

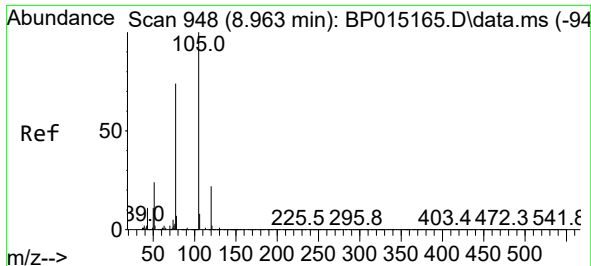
Ion Ratio Lower Upper

45 100

77 15.3 12.8 19.2

79 11.4 9.5 14.3

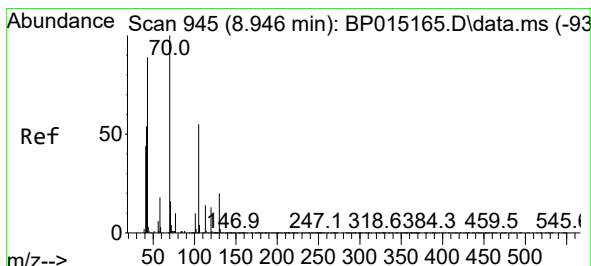
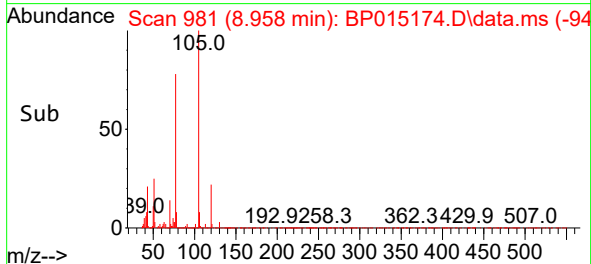
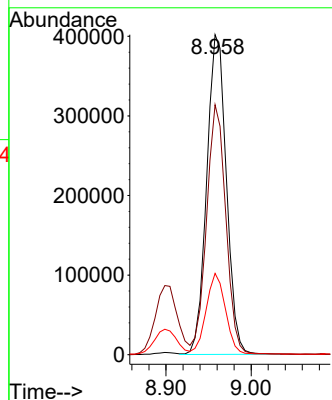
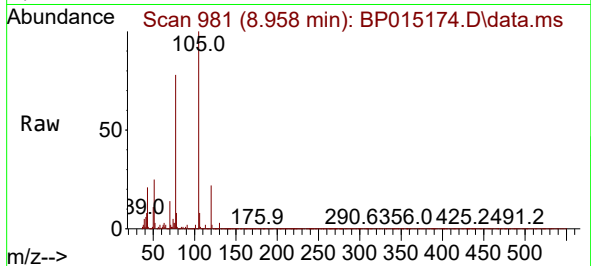




#16
Acetophenone
Concen: 21.901 ng/ul
RT: 8.958 min Scan# 91
Delta R.T. -0.006 min
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Acq: 19 May 2023 15:55

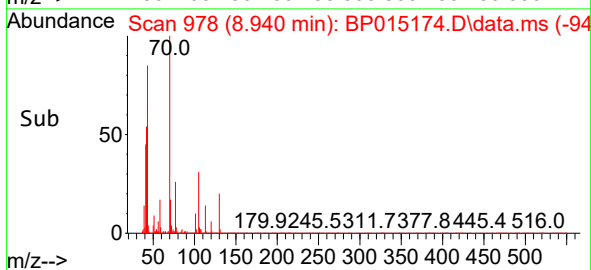
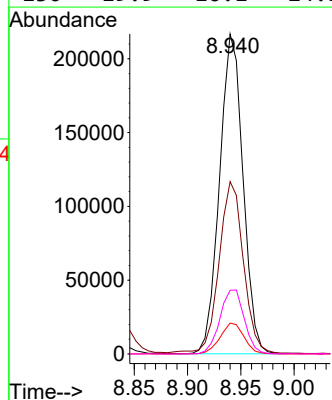
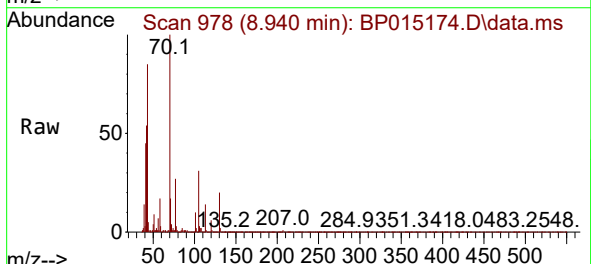
Instrument :
BNA_P
ClientSampleId :
SSTD020721

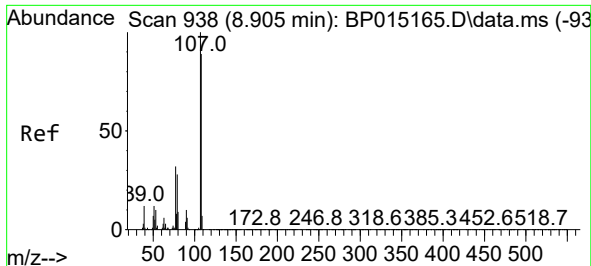
Tgt Ion:105 Resp: 643896
Ion Ratio Lower Upper
105 100
77 78.1 59.4 89.2
51 25.4 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 21.482 ng/ul
RT: 8.940 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion: 70 Resp: 331234
Ion Ratio Lower Upper
70 100
42 53.9 41.0 61.6
101 9.7 7.9 11.9
130 19.9 16.1 24.1

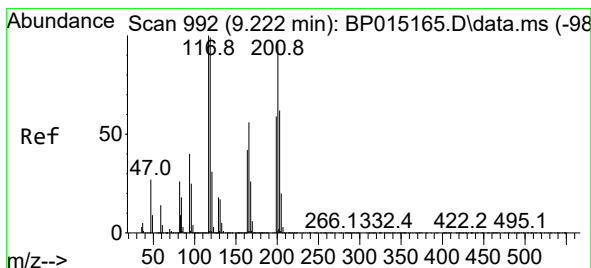
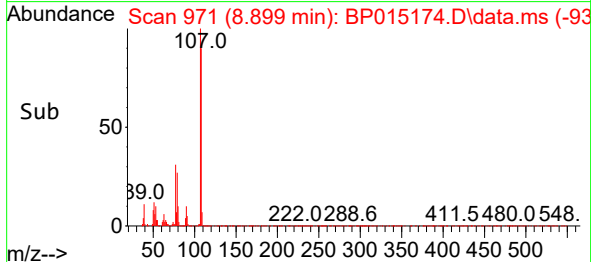
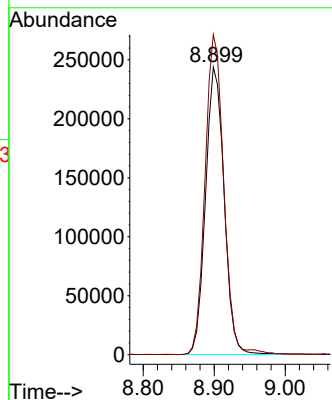
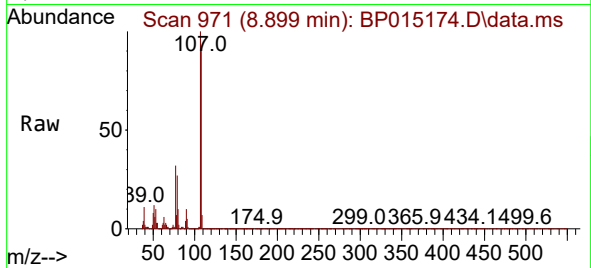




#18
4-Methylphenol
Concen: 21.498 ng/ul
RT: 8.899 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

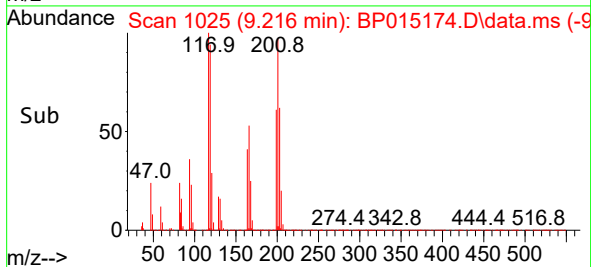
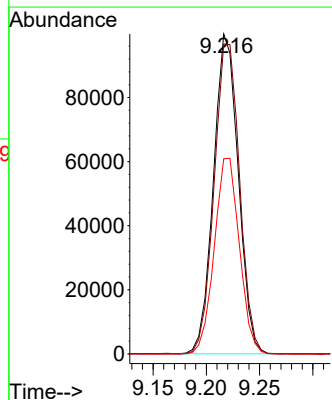
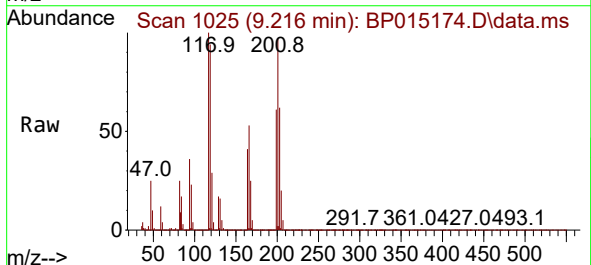
Instrument :
BNA_P
ClientSampleId :
SSTD020721

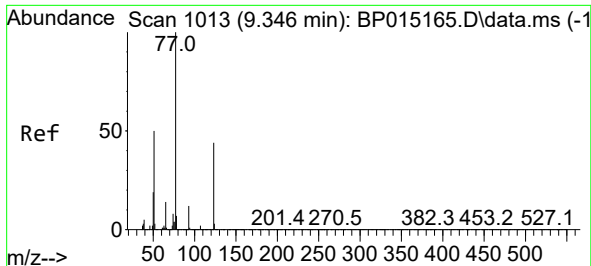
Tgt Ion:108 Resp: 443322
Ion Ratio Lower Upper
108 100
107 111.2 88.5 132.7



#19
Hexachloroethane
Concen: 21.500 ng/ul
RT: 9.216 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion:117 Resp: 161404
Ion Ratio Lower Upper
117 100
201 96.8 75.8 113.8
199 61.0 46.5 69.7

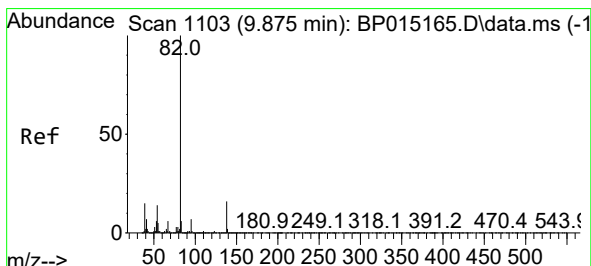
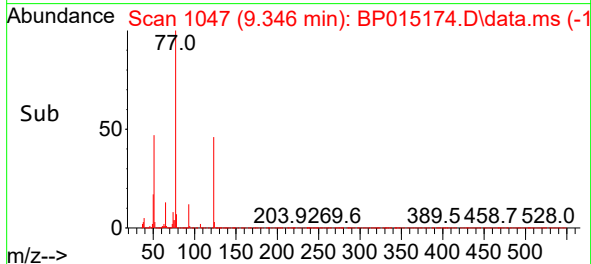
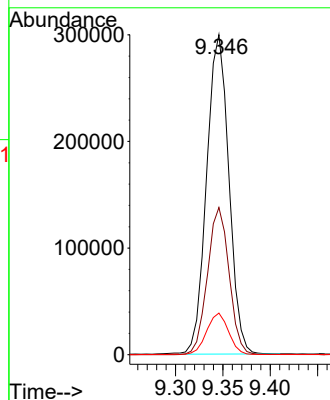
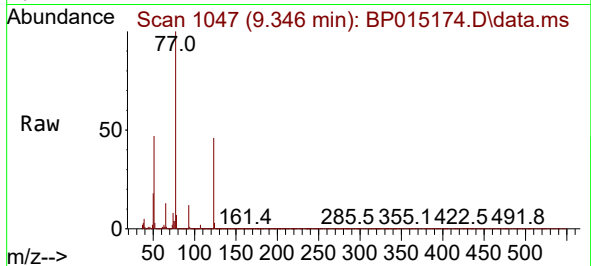




#22
Nitrobenzene
Concen: 19.684 ng/ul
RT: 9.346 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

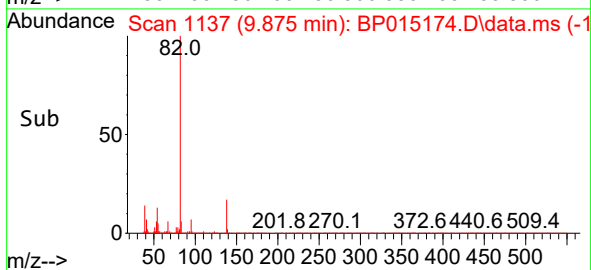
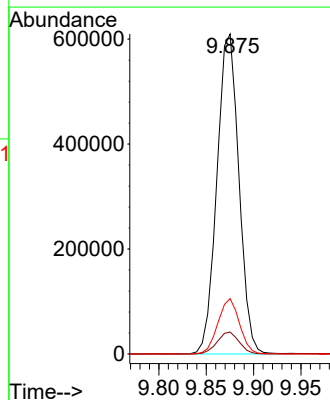
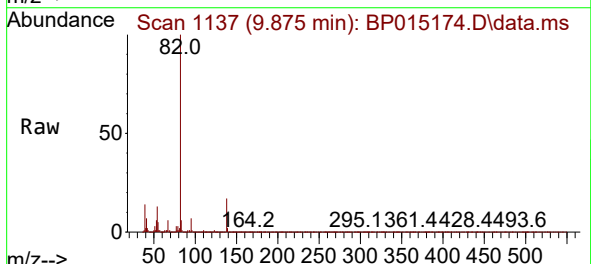
Instrument :
BNA_P
ClientSampleId :
SSTD020721

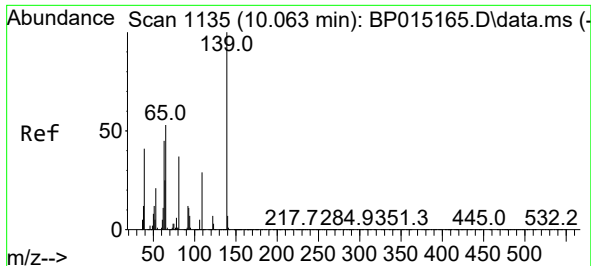
Tgt Ion: 77 Resp: 488243
Ion Ratio Lower Upper
77 100
123 46.0 36.2 54.2
65 13.0 10.1 15.1



#23
Isophorone
Concen: 19.328 ng/ul
RT: 9.875 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion: 82 Resp: 985442
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 17.3 13.6 20.4

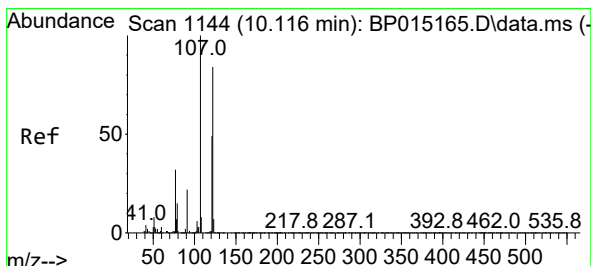
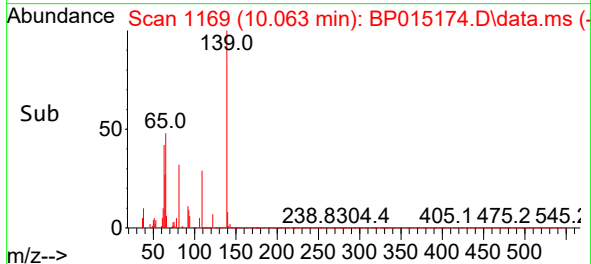
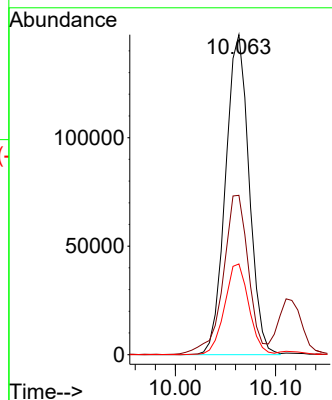
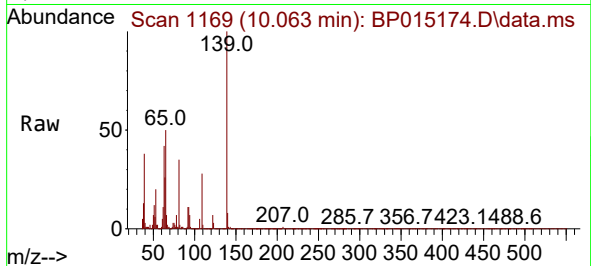




#25
2-Nitrophenol
Concen: 19.698 ng/ul
RT: 10.063 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

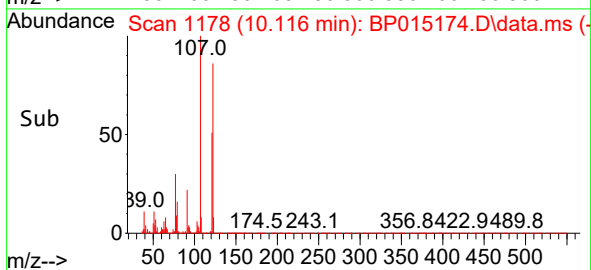
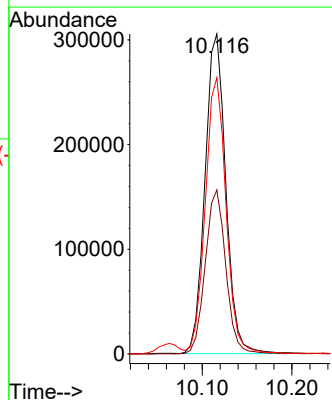
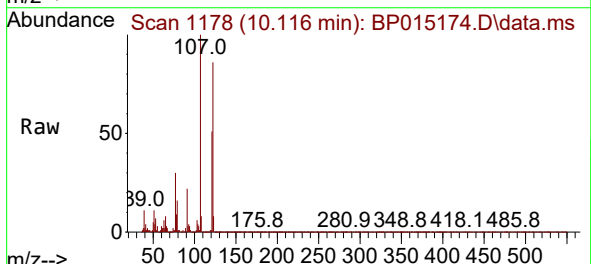
Instrument :
BNA_P
ClientSampleId :
SSTD020721

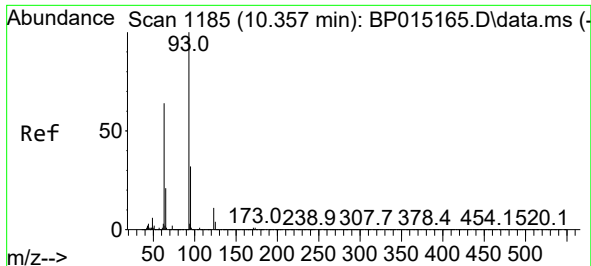
Tgt Ion:139 Resp: 241377
Ion Ratio Lower Upper
139 100
65 49.8 38.4 57.6
109 28.3 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 20.117 ng/ul
RT: 10.116 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion:107 Resp: 491924
Ion Ratio Lower Upper
107 100
121 51.2 41.0 61.6
122 86.3 69.5 104.3

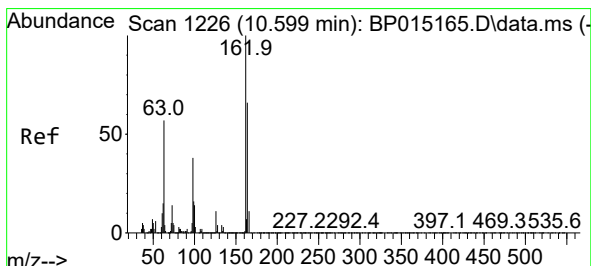
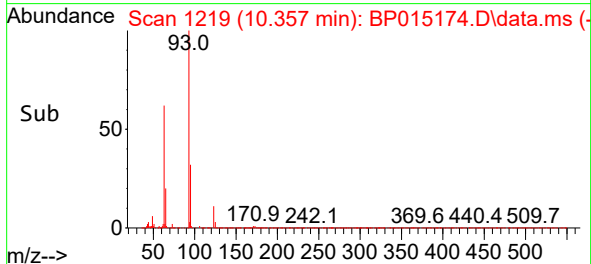
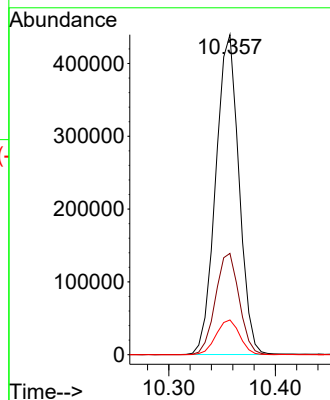
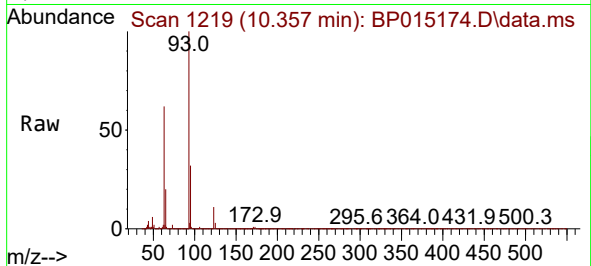




#27
 Bis(2-Chloroethoxy)methane
 Concen: 21.465 ng/ul
 RT: 10.357 min Scan# 1185
 Delta R.T. 0.000 min
 Lab File: BP015174.D
 Acq: 19 May 2023 15:55

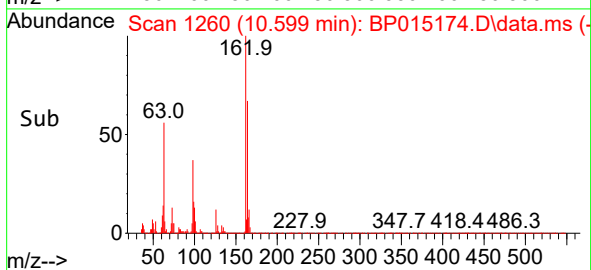
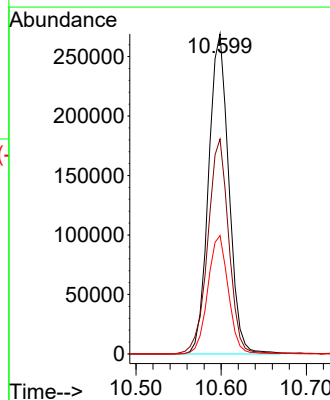
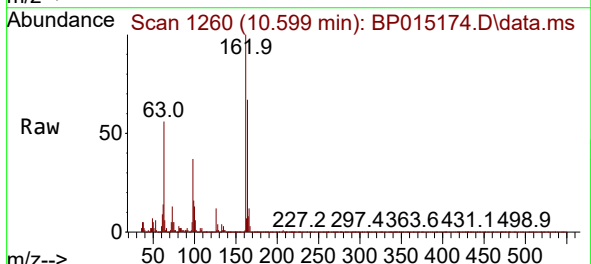
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020721

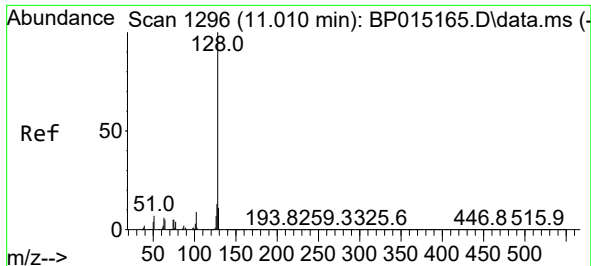
Tgt Ion: 93 Resp: 665861
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.7 40.1
 123 10.8 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 21.792 ng/ul
 RT: 10.599 min Scan# 1260
 Delta R.T. 0.000 min
 Lab File: BP015174.D
 Acq: 19 May 2023 15:55

Tgt Ion: 162 Resp: 443877
 Ion Ratio Lower Upper
 162 100
 164 67.1 52.0 78.0
 98 37.0 28.9 43.3

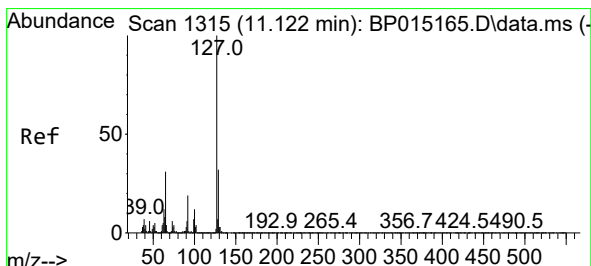
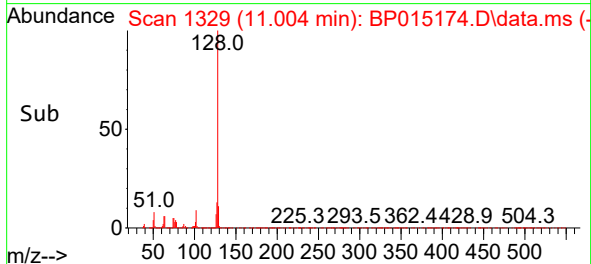
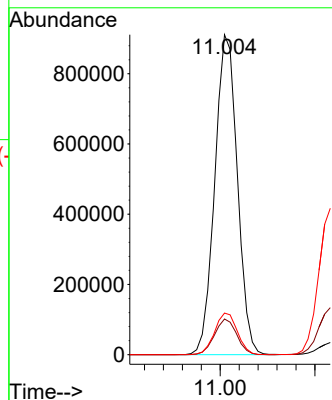
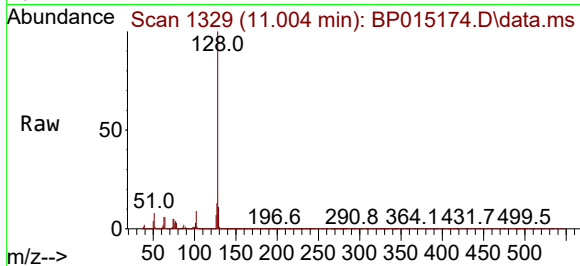




#30
Naphthalene
Concen: 21.692 ng/ul
RT: 11.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

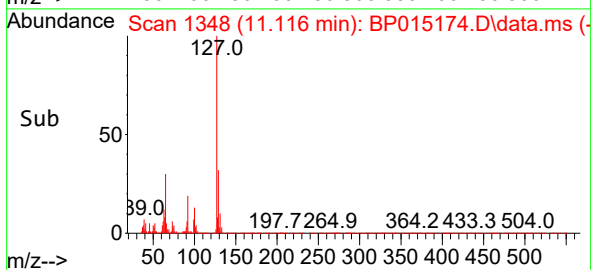
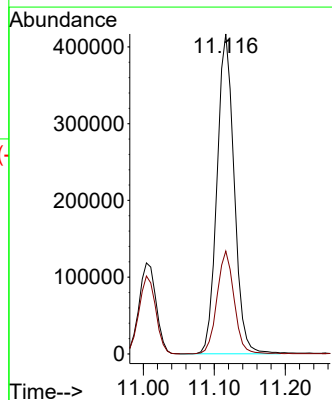
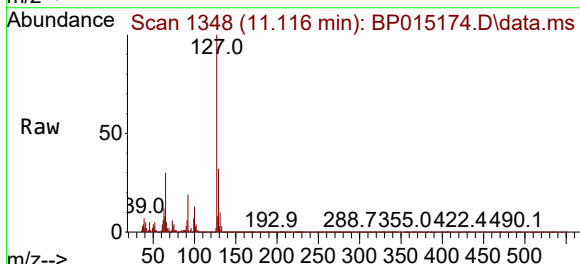
Instrument :
BNA_P
ClientSampleId :
SSTD020721

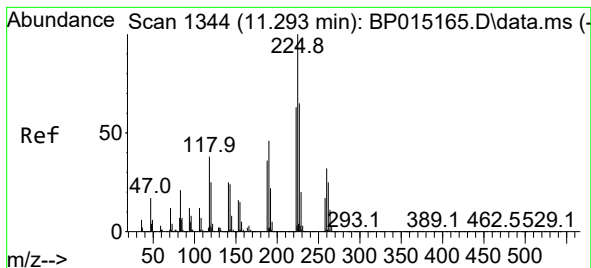
Tgt Ion:128 Resp: 1507295
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.0 10.6 15.8



#32
4-Chloroaniline
Concen: 22.698 ng/ul
RT: 11.116 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion:127 Resp: 696029
Ion Ratio Lower Upper
127 100
129 32.1 25.8 38.8





#33

Hexachlorobutadiene

Concen: 21.444 ng/ul

RT: 11.287 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD020721

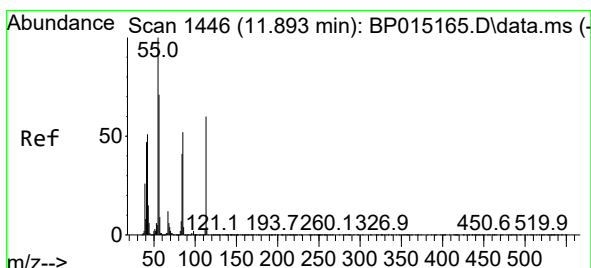
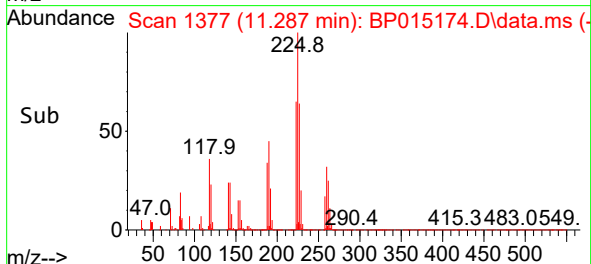
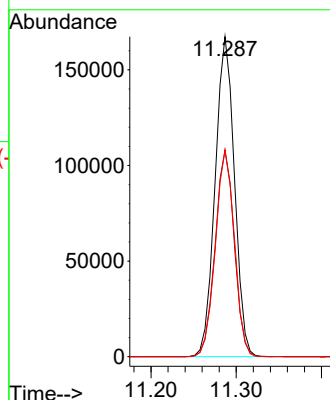
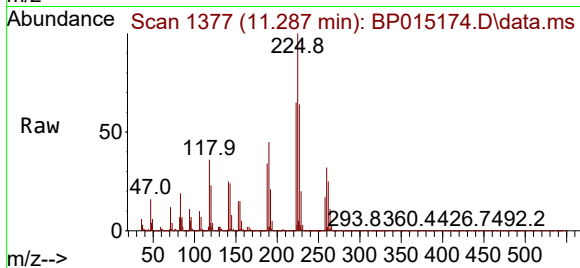
Tgt Ion:225 Resp: 263254

Ion Ratio Lower Upper

225 100

223 64.6 51.0 76.6

227 64.4 52.2 78.4



#34

Caprolactam

Concen: 20.364 ng/ul

RT: 11.887 min Scan# 1479

Delta R.T. -0.006 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

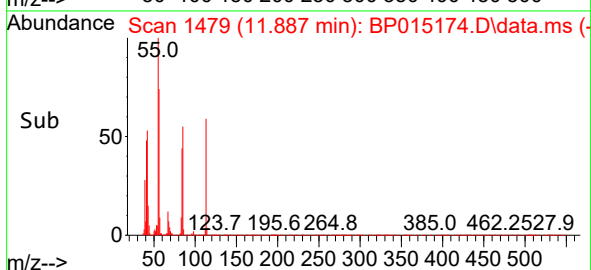
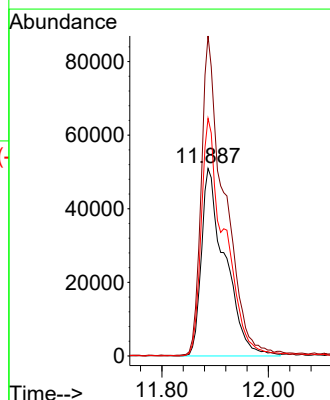
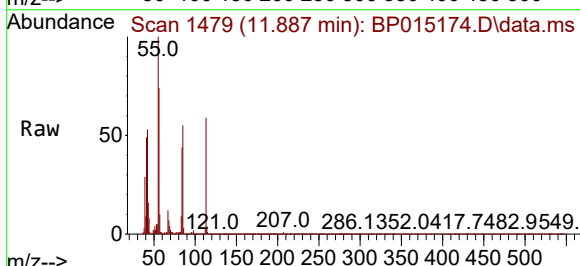
Tgt Ion:113 Resp: 156383

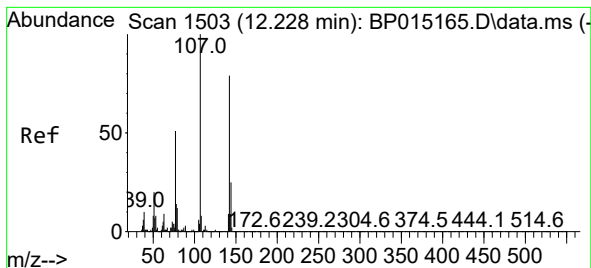
Ion Ratio Lower Upper

113 100

55 170.6 121.2 181.8

56 126.7 90.2 135.4

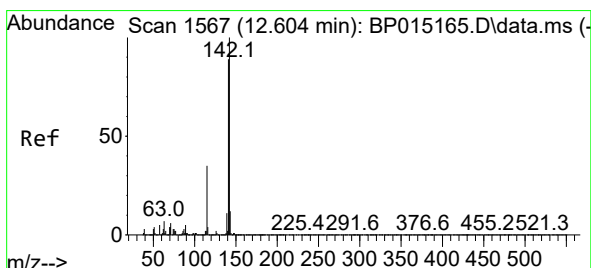
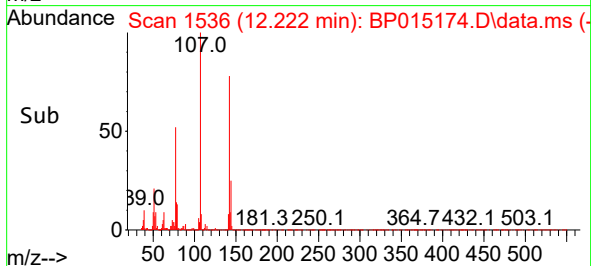
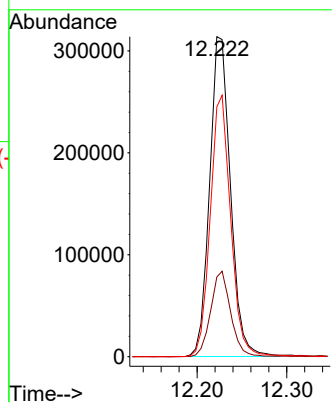
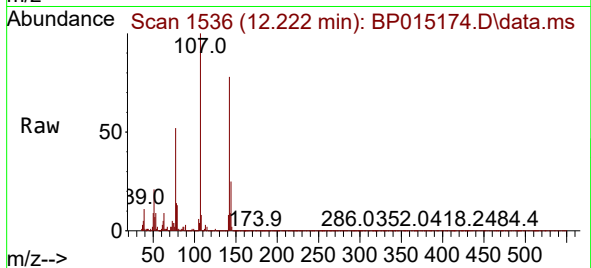




#35
4-Chloro-3-methylphenol
Concen: 22.034 ng/ul
RT: 12.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

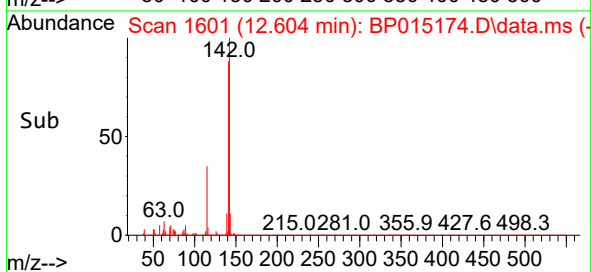
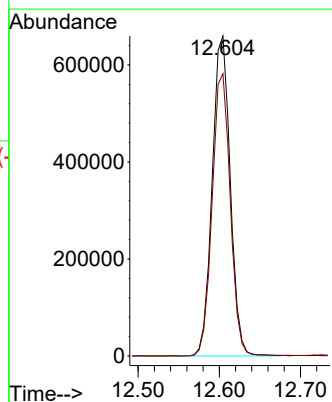
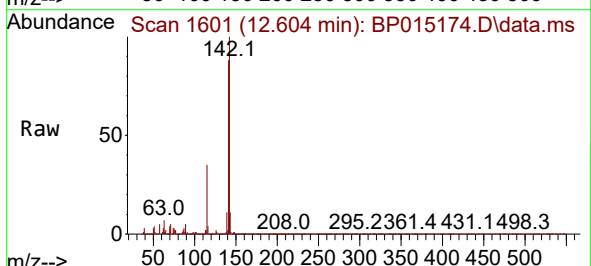
Instrument :
BNA_P
ClientSampleId :
SSTD020721

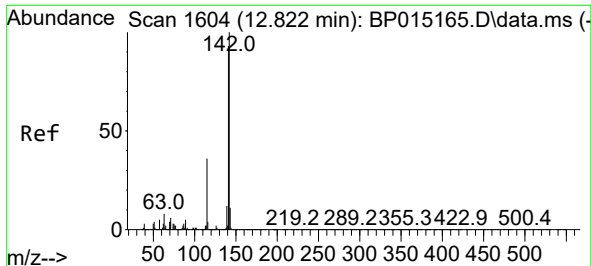
Tgt Ion:107 Resp: 506759
Ion Ratio Lower Upper
107 100
144 24.9 20.3 30.5
142 78.1 63.2 94.8



#36
2-Methylnaphthalene
Concen: 21.739 ng/ul
RT: 12.604 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion:142 Resp: 1017760
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6

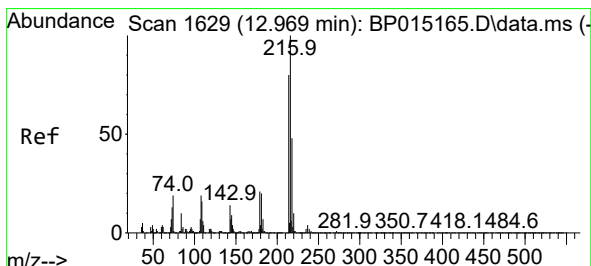
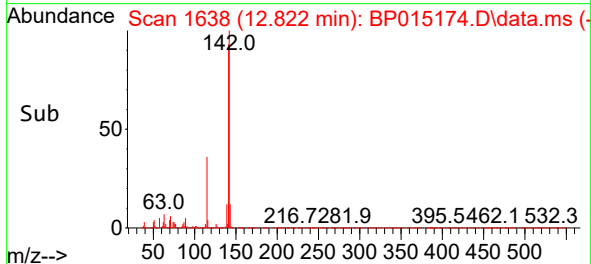
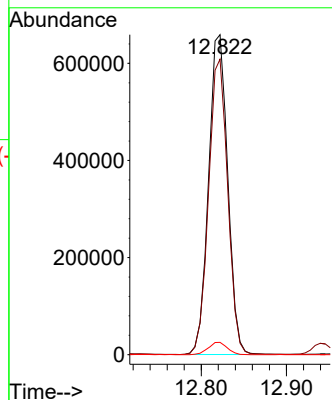
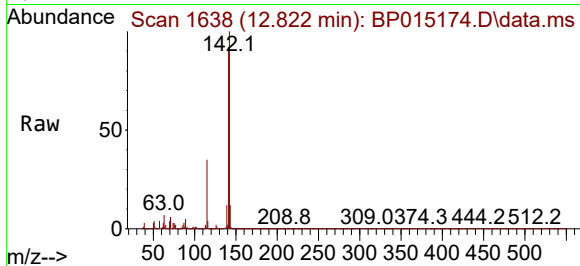




#37
1-Methylnaphthalene
Concen: 21.865 ng/ul
RT: 12.822 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

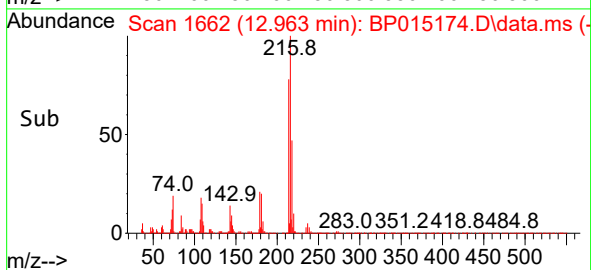
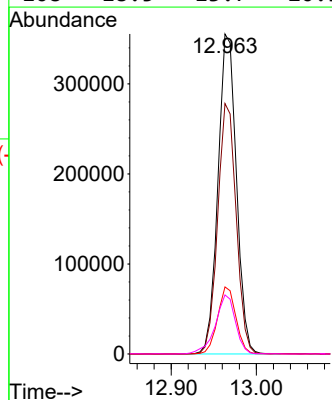
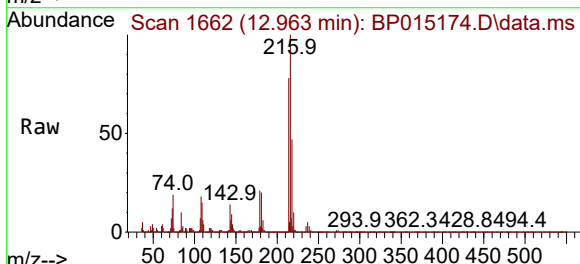
Instrument :
BNA_P
ClientSampleId :
SSTD020721

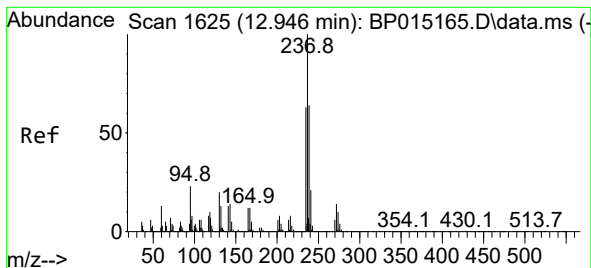
Tgt Ion:142 Resp: 1027987
Ion Ratio Lower Upper
142 100
141 92.4 74.6 112.0
116 3.8 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 22.095 ng/ul
RT: 12.963 min Scan# 1662
Delta R.T. -0.006 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion:216 Resp: 534129
Ion Ratio Lower Upper
216 100
214 78.3 61.4 92.0
179 21.0 15.9 23.9
108 18.5 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 17.001 ng/ul

RT: 12.940 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD020721

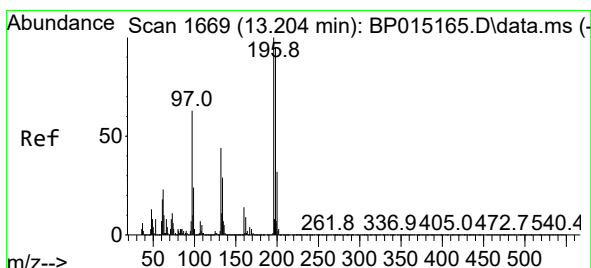
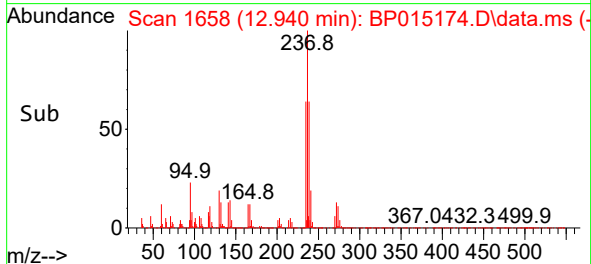
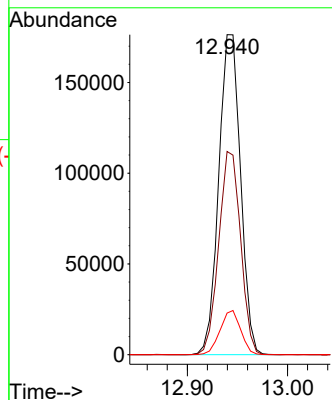
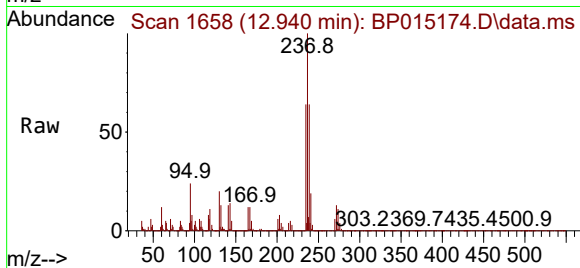
Tgt Ion:237 Resp: 266280

Ion Ratio Lower Upper

237 100

235 63.5 49.4 74.0

272 13.0 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 21.594 ng/ul

RT: 13.204 min Scan# 1703

Delta R.T. 0.000 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

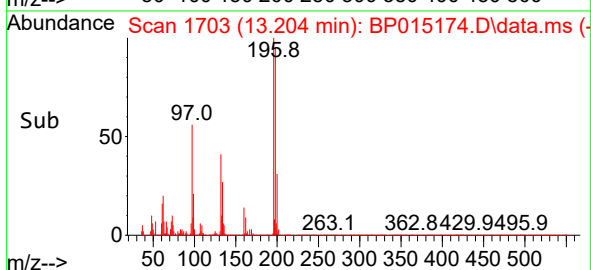
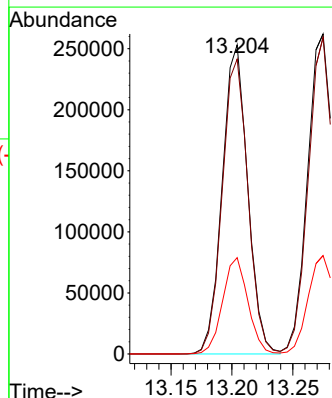
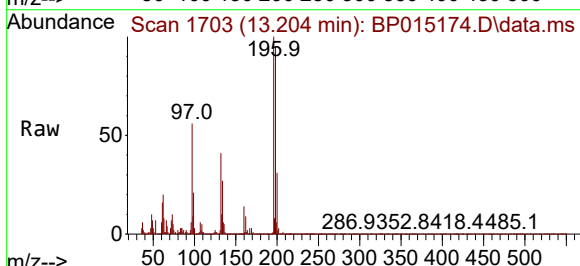
Tgt Ion:196 Resp: 368608

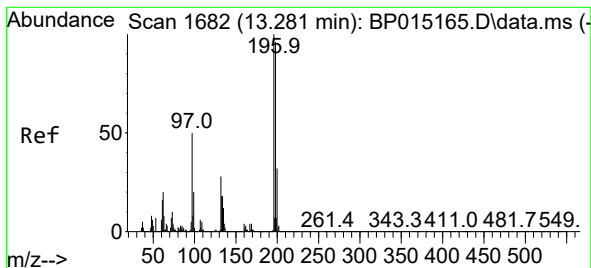
Ion Ratio Lower Upper

196 100

198 95.4 75.5 113.3

200 31.2 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 21.874 ng/ul

RT: 13.275 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD020721

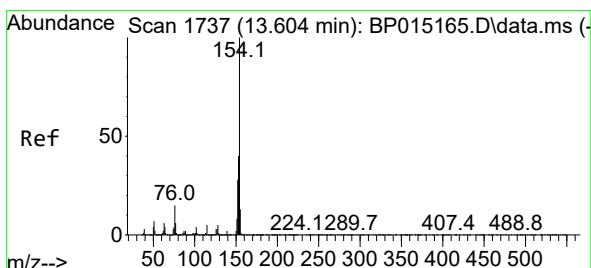
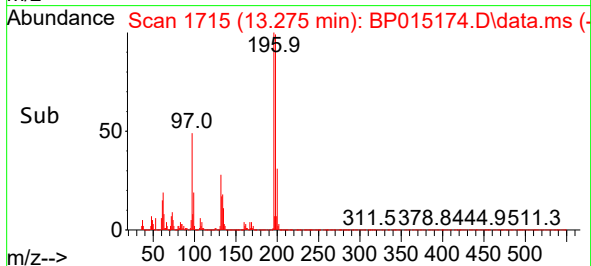
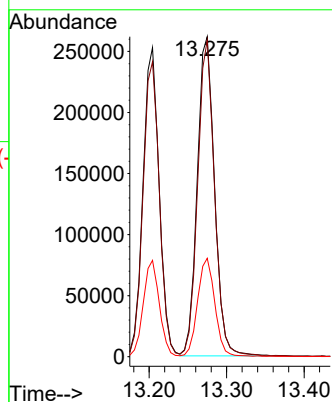
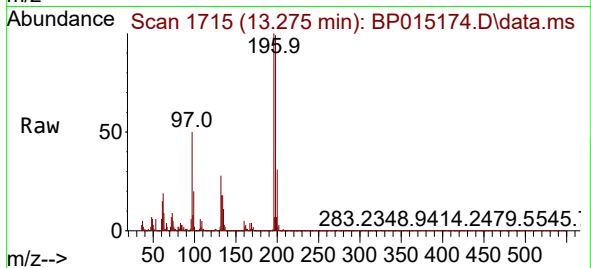
Tgt Ion:196 Resp: 404837

Ion Ratio Lower Upper

196 100

198 98.9 77.0 115.4

200 30.8 24.3 36.5



#43

1,1'-Biphenyl

Concen: 22.173 ng/ul

RT: 13.598 min Scan# 1770

Delta R.T. -0.006 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

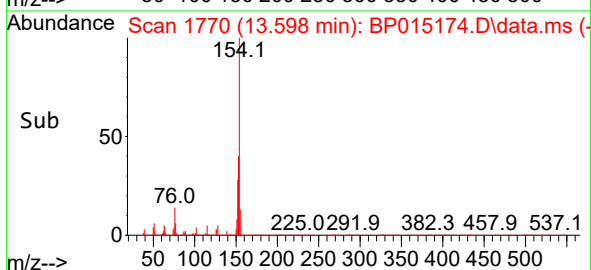
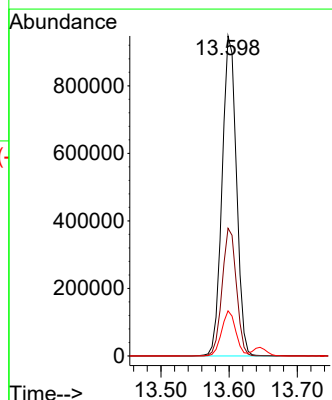
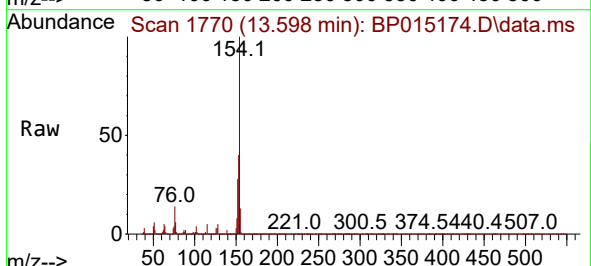
Tgt Ion:154 Resp: 1390488

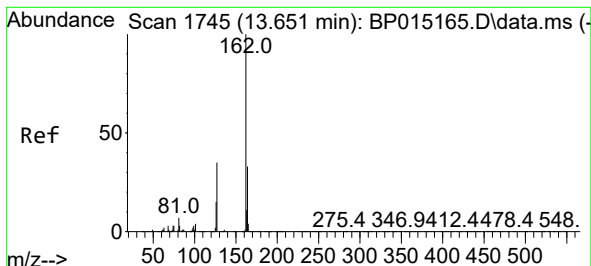
Ion Ratio Lower Upper

154 100

153 39.9 32.7 49.1

76 14.1 10.7 16.1





#44

2-Chloronaphthalene

Concen: 22.222 ng/ul

RT: 13.646 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD020721

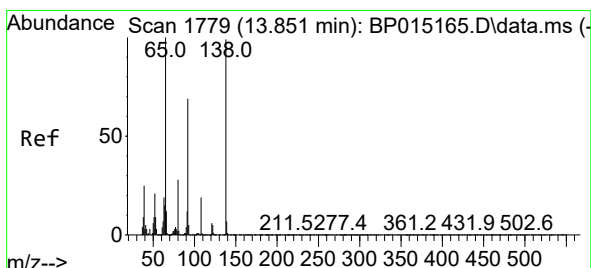
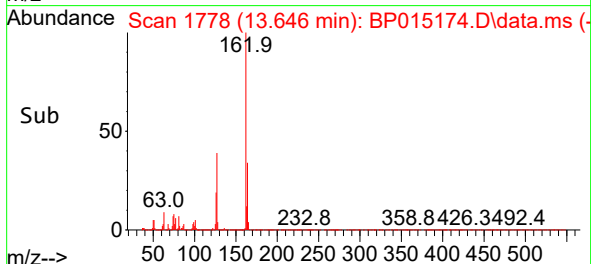
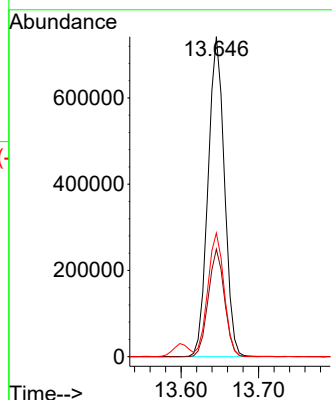
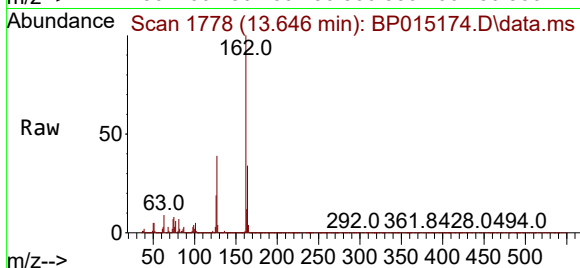
Tgt Ion:162 Resp: 1088297

Ion Ratio Lower Upper

162 100

164 33.6 25.9 38.9

127 38.6 30.8 46.2



#45

2-Nitroaniline

Concen: 23.001 ng/ul

RT: 13.845 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

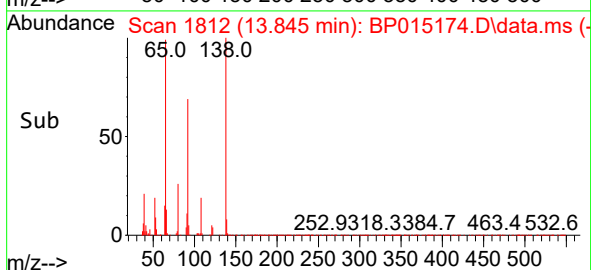
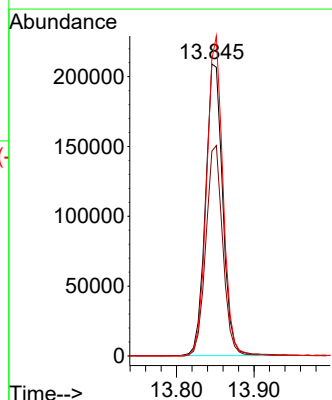
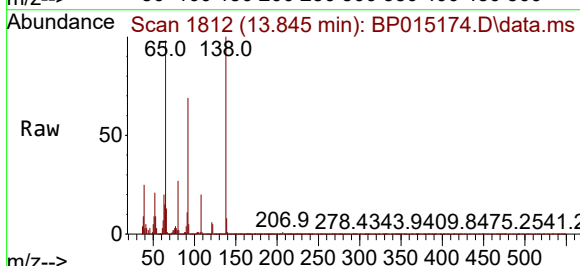
Tgt Ion: 65 Resp: 322316

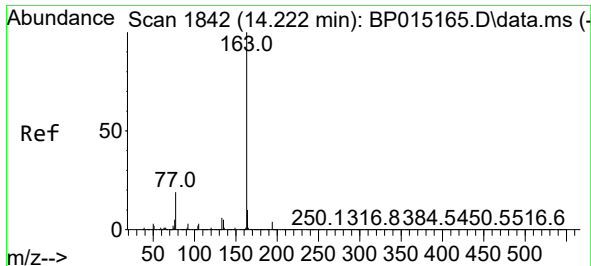
Ion Ratio Lower Upper

65 100

92 70.1 59.8 89.8

138 101.6 92.3 138.5

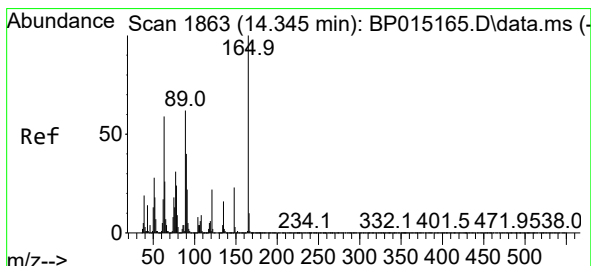
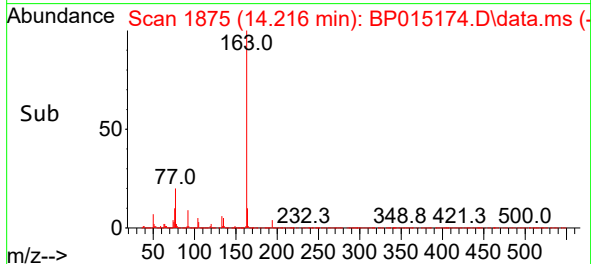
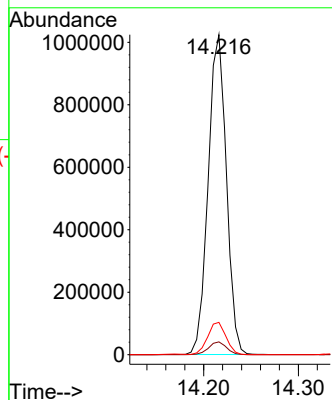
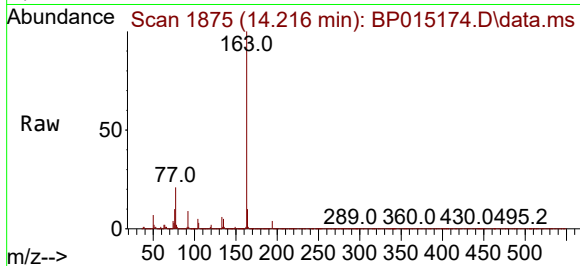




#47
Dimethylphthalate
Concen: 21.524 ng/ul
RT: 14.216 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

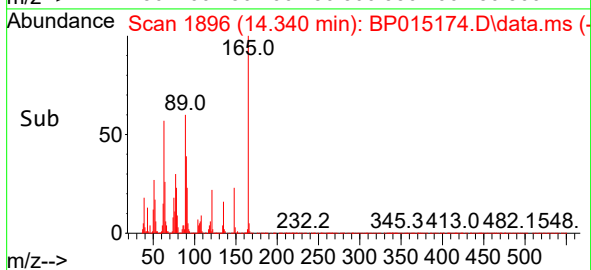
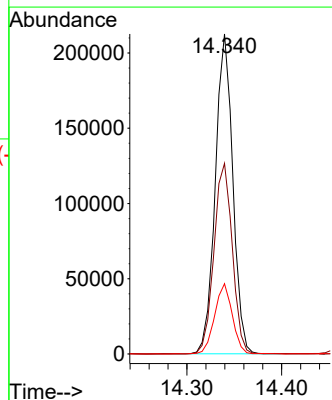
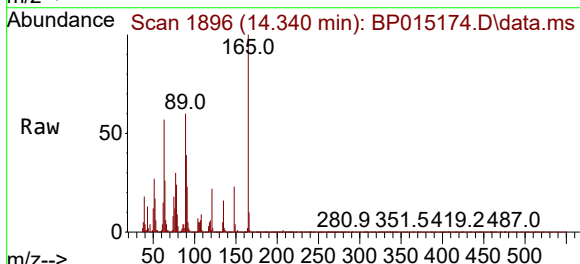
Instrument :
BNA_P
ClientSampleId :
SSTD020721

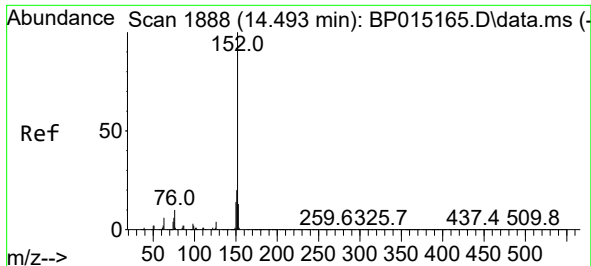
Tgt Ion:163 Resp: 1369116
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 21.656 ng/ul
RT: 14.340 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion:165 Resp: 272902
Ion Ratio Lower Upper
165 100
89 59.6 48.0 72.0
121 22.0 17.5 26.3

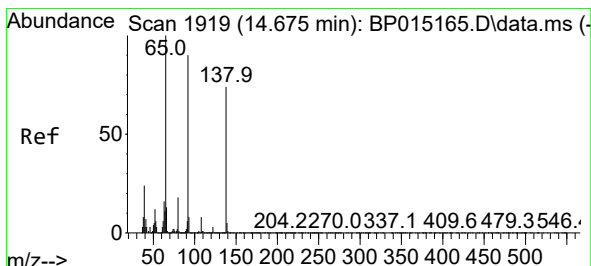
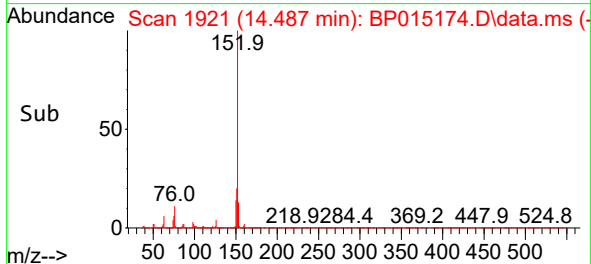
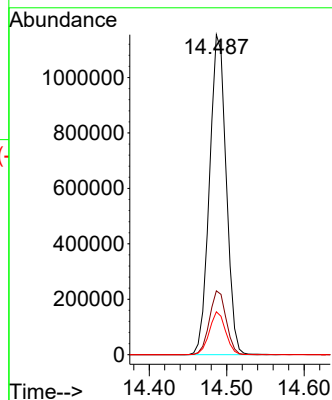
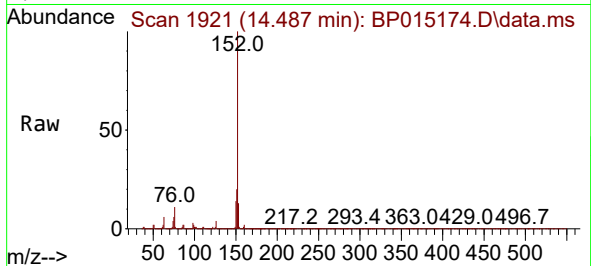




#50
Acenaphthylene
Concen: 22.144 ng/ul
RT: 14.487 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

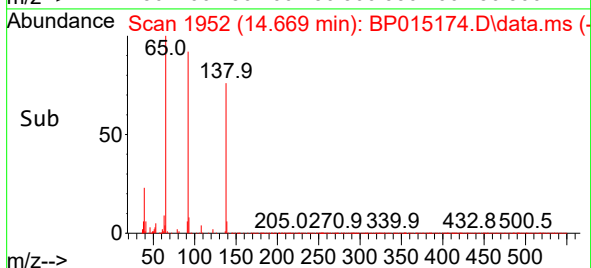
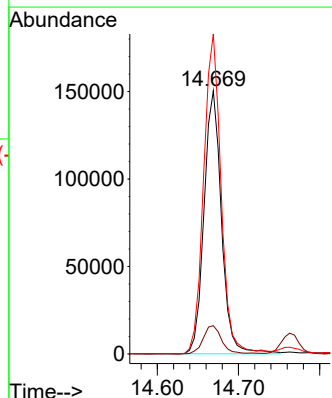
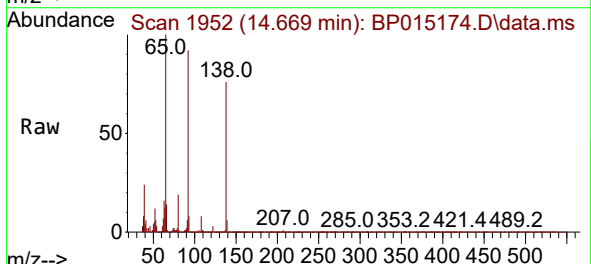
Instrument :
BNA_P
ClientSampleId :
SSTD020721

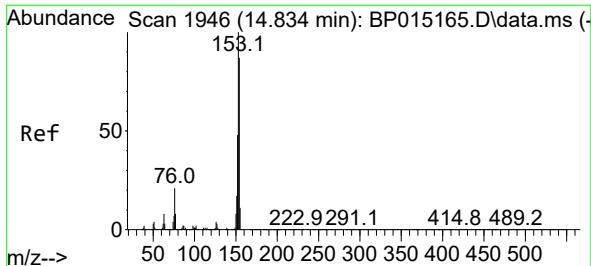
Tgt Ion:152 Resp: 1725944
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.4 10.3 15.5



#51
3-Nitroaniline
Concen: 19.776 ng/ul
RT: 14.669 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion:138 Resp: 224406
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 121.6 93.4 140.0

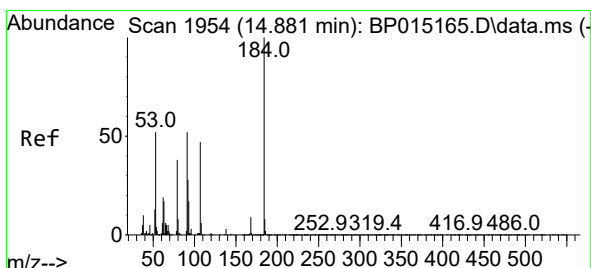
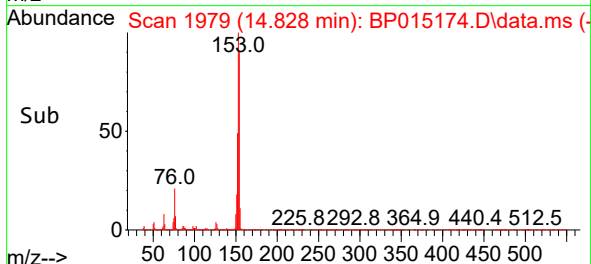
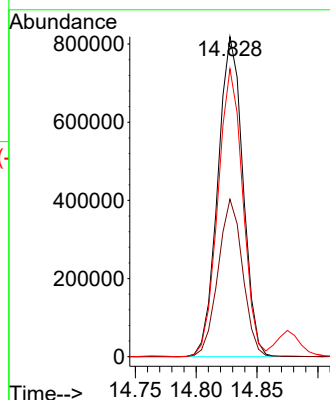
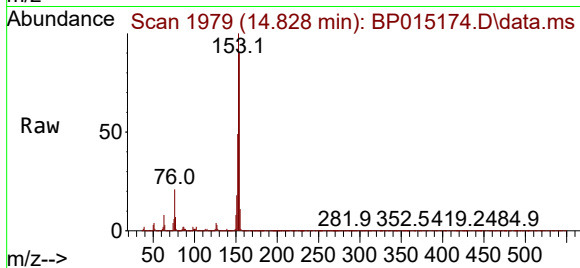




#52
Acenaphthene
Concen: 22.069 ng/ul
RT: 14.828 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

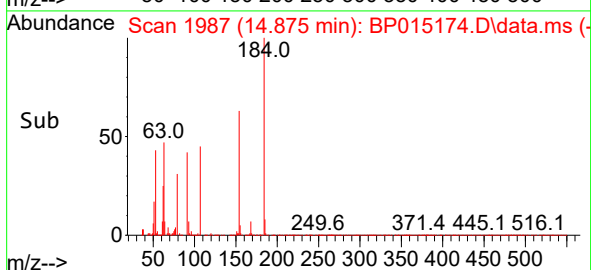
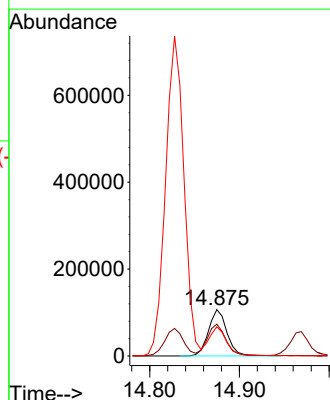
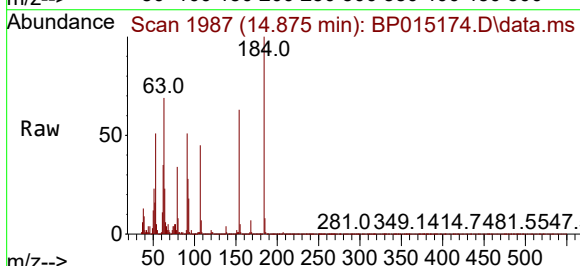
Instrument :
BNA_P
ClientSampleId :
SSTD020721

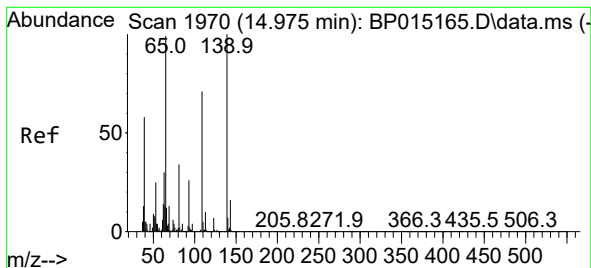
Tgt Ion:153 Resp: 1174822
Ion Ratio Lower Upper
153 100
152 49.2 38.0 57.0
154 89.9 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 18.181 ng/ul
RT: 14.875 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion:184 Resp: 152124
Ion Ratio Lower Upper
184 100
63 68.5 49.7 74.5
154 62.9 47.5 71.3

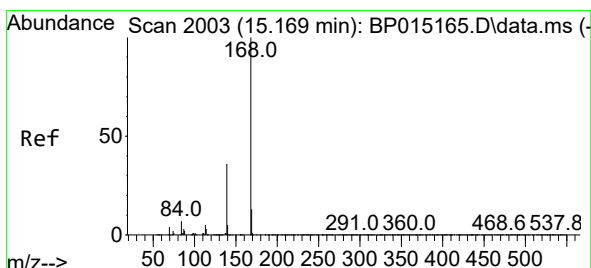
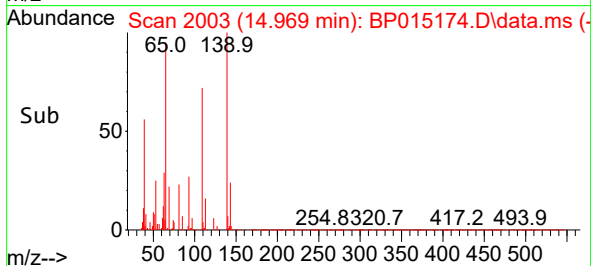
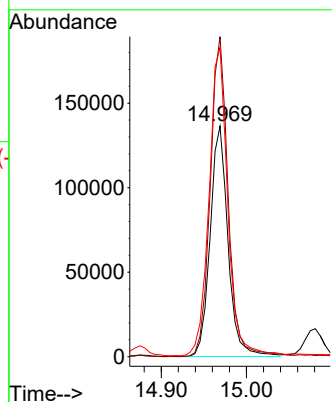
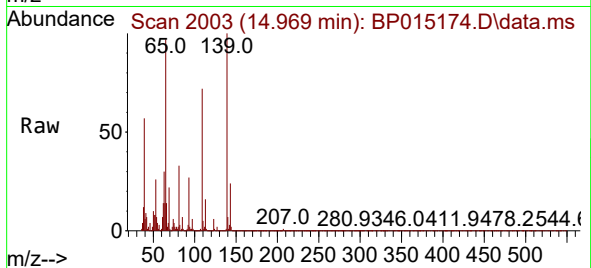




#55
4-Nitrophenol
Concen: 22.764 ng/ul
RT: 14.969 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

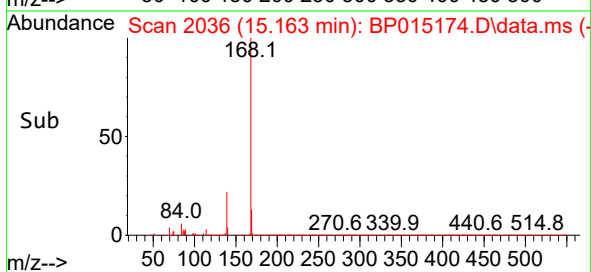
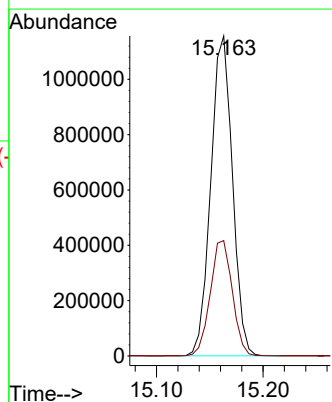
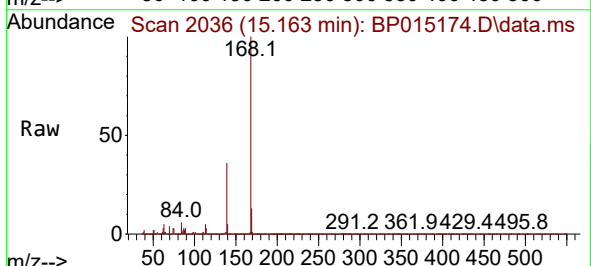
Instrument :
BNA_P
ClientSampleId :
SSTD020721

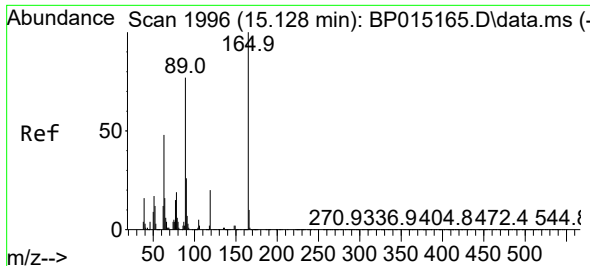
Tgt Ion:109 Resp: 198576
Ion Ratio Lower Upper
109 100
139 138.8 115.3 172.9
65 134.1 107.9 161.9



#56
Dibenzofuran
Concen: 21.982 ng/ul
RT: 15.163 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion:168 Resp: 1627602
Ion Ratio Lower Upper
168 100
139 36.0 29.4 44.0

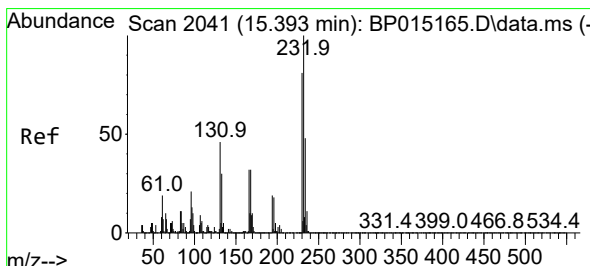
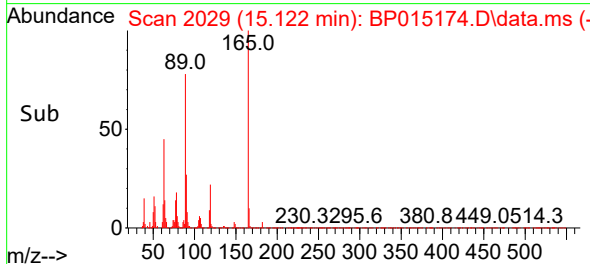
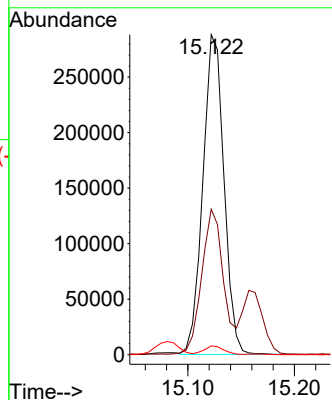
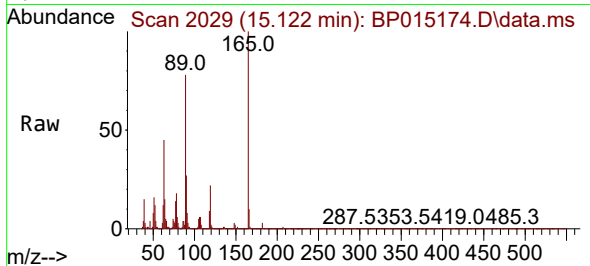




#57
2,4-Dinitrotoluene
Concen: 21.797 ng/ul
RT: 15.122 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

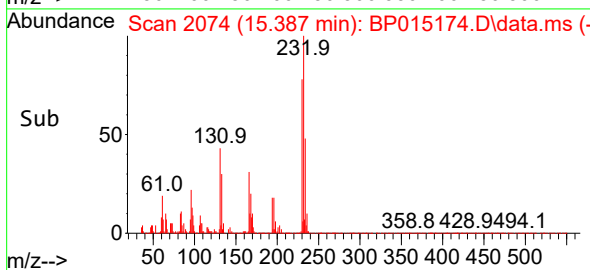
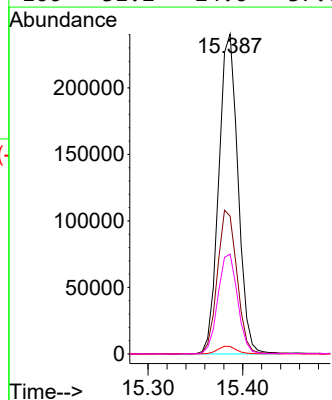
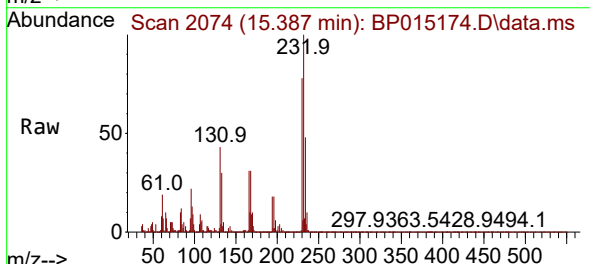
Instrument :
BNA_P
ClientSampleId :
SSTD020721

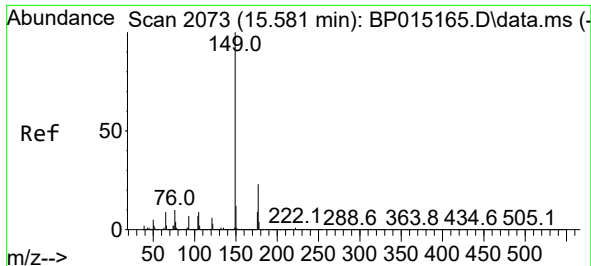
Tgt Ion:165 Resp: 397470
Ion Ratio Lower Upper
165 100
63 45.5 33.1 49.7
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.750 ng/ul
RT: 15.387 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion:232 Resp: 339740
Ion Ratio Lower Upper
232 100
131 43.1 36.8 55.2
130 2.4 1.9 2.9
166 31.2 24.6 37.0

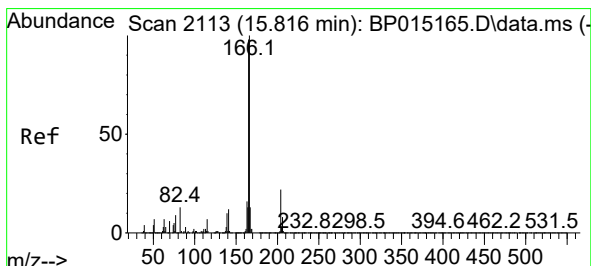
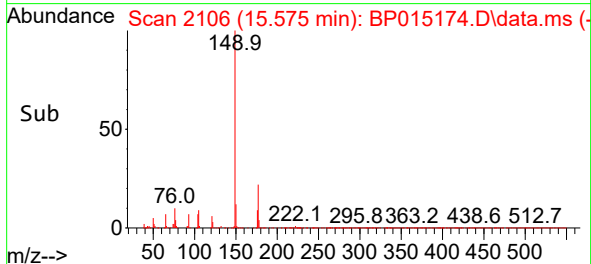
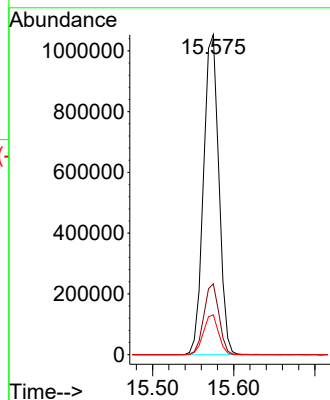
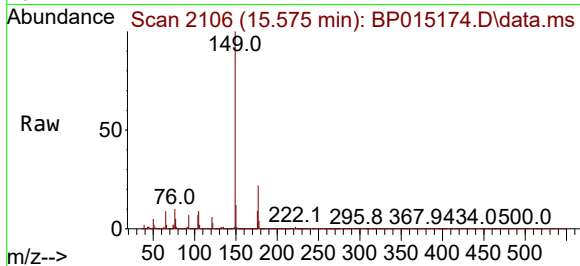




#59
Diethylphthalate
Concen: 21.748 ng/ul
RT: 15.575 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

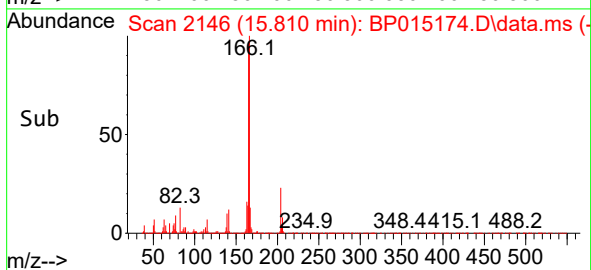
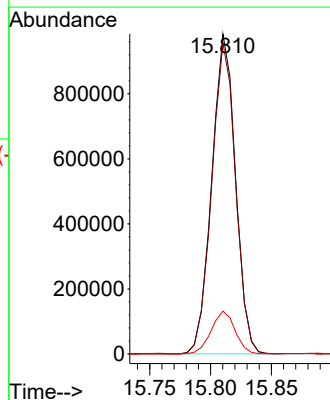
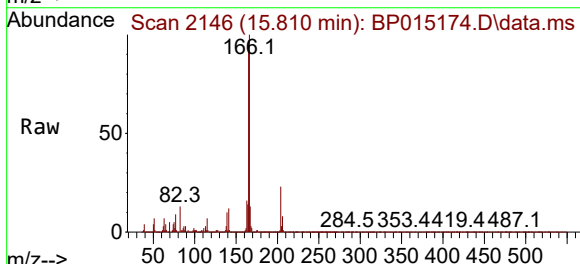
Instrument :
BNA_P
ClientSampleId :
SSTD020721

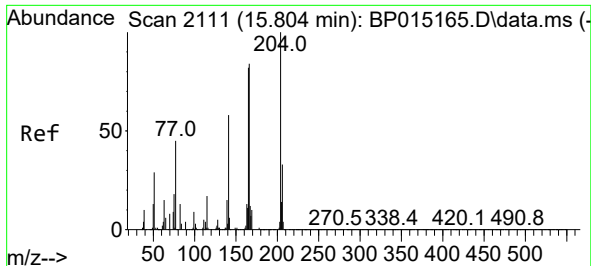
Tgt Ion:149 Resp: 1379755
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.4 9.8 14.8



#61
Fluorene
Concen: 22.390 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion:166 Resp: 1332299
Ion Ratio Lower Upper
166 100
165 97.1 77.8 116.6
167 13.4 10.6 15.8

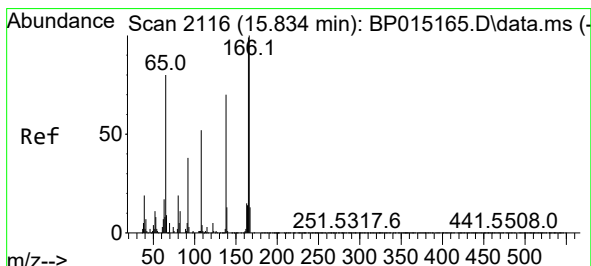
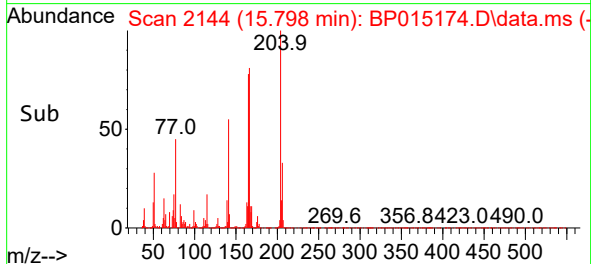
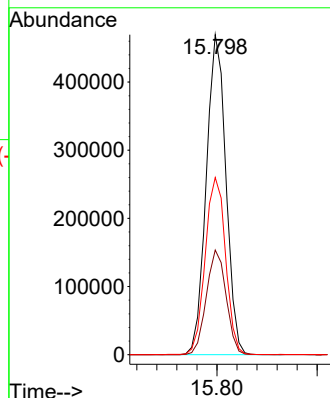
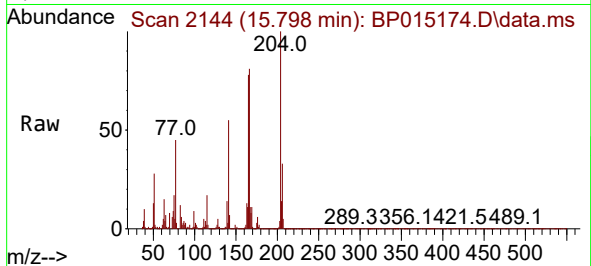




#62
4-Chlorophenyl-phenylether
Concen: 21.994 ng/ul
RT: 15.798 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

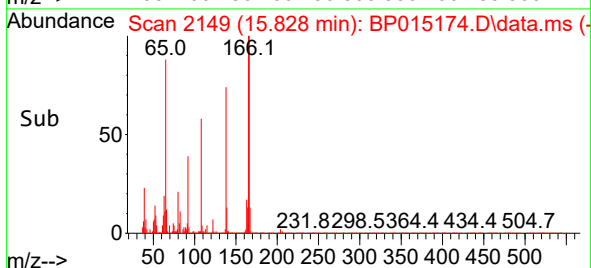
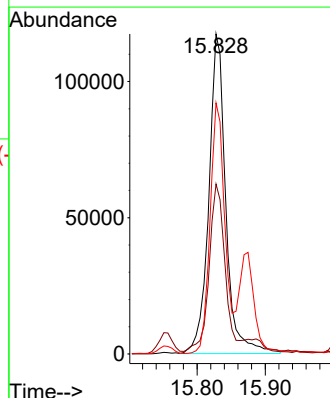
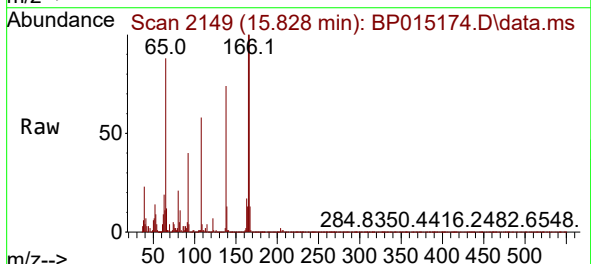
Instrument :
BNA_P
ClientSampleId :
SSTD020721

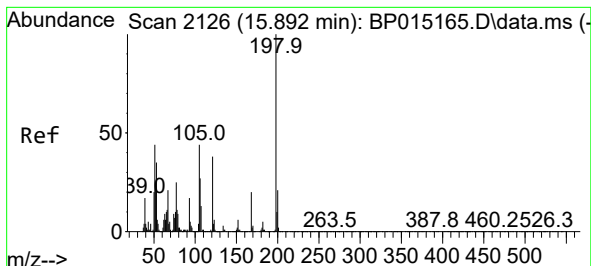
Tgt Ion:204 Resp: 639464
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 55.4 44.5 66.7



#63
4-Nitroaniline
Concen: 20.817 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion:138 Resp: 203989
Ion Ratio Lower Upper
138 100
92 53.1 41.2 61.8
108 78.5 60.1 90.1

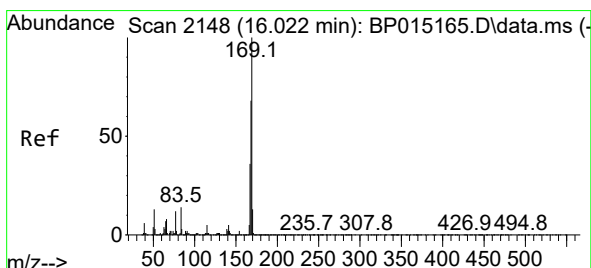
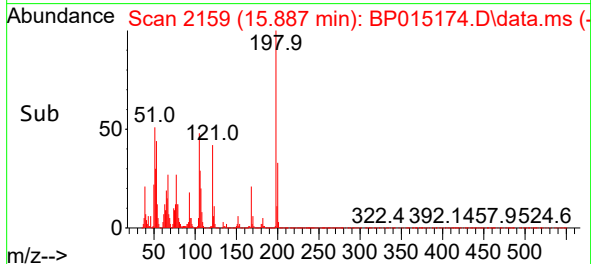
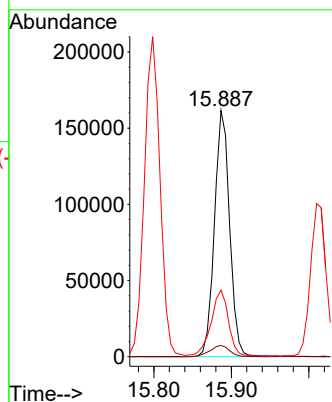
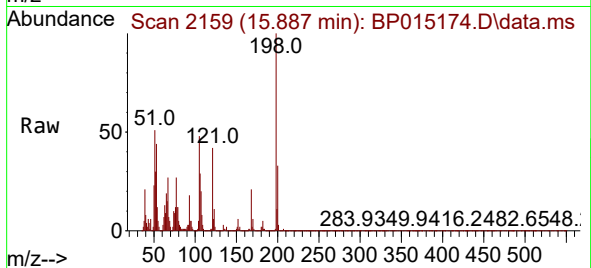




#66
4,6-Dinitro-2-methylphenol
Concen: 19.144 ng/ul
RT: 15.887 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

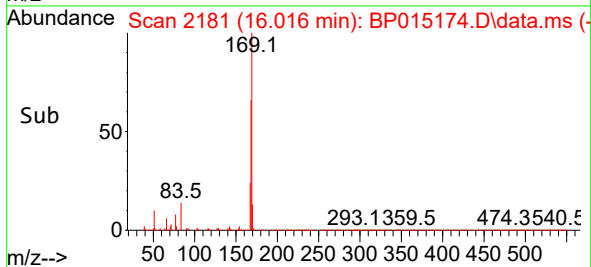
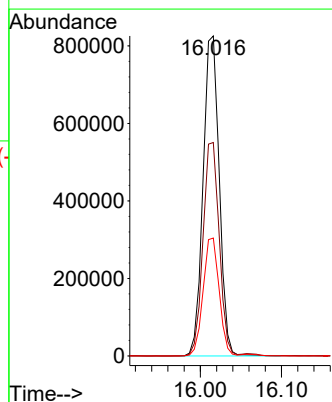
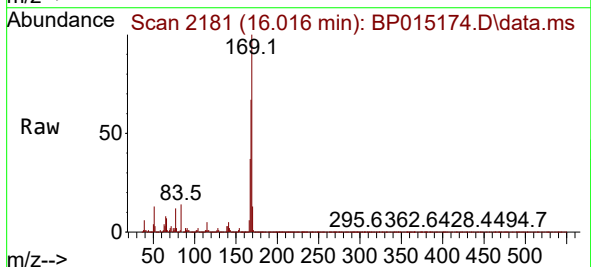
Instrument :
BNA_P
ClientSampleId :
SSTD020721

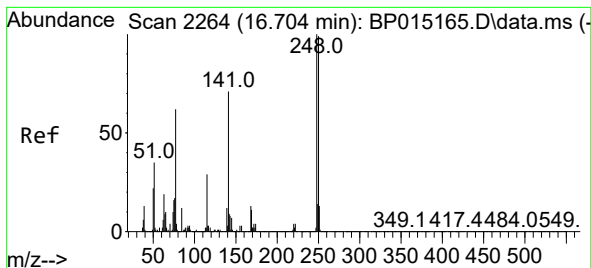
Tgt Ion:198 Resp: 220426
Ion Ratio Lower Upper
198 100
182 4.5 3.7 5.5
77 27.0 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 21.917 ng/ul
RT: 16.016 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion:169 Resp: 1140852
Ion Ratio Lower Upper
169 100
168 66.7 53.5 80.3
167 36.9 28.9 43.3

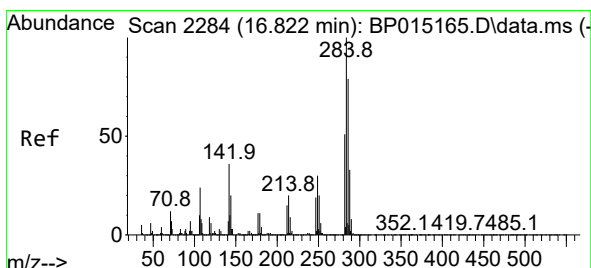
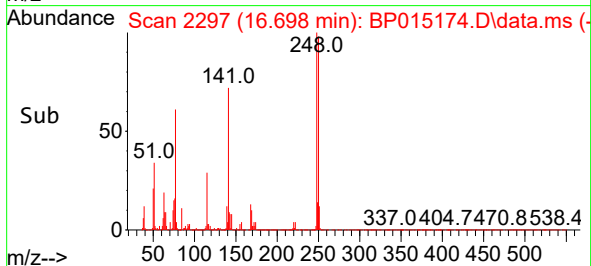
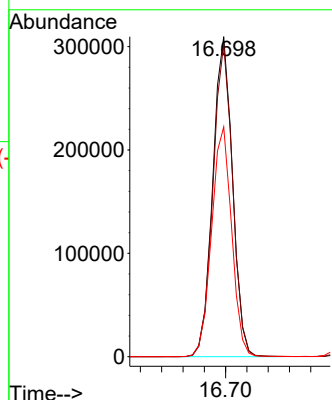
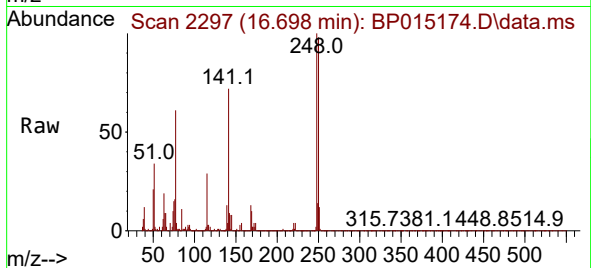




#68
4-Bromophenyl-phenylether
Concen: 21.775 ng/ul
RT: 16.698 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

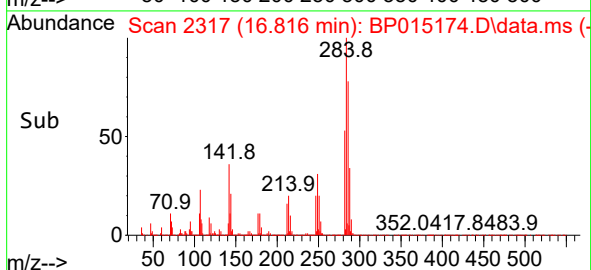
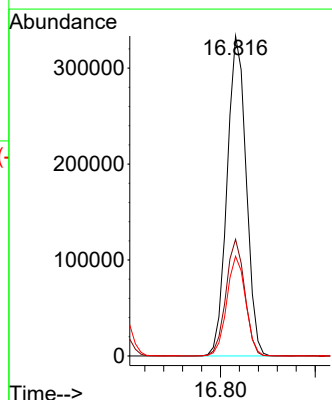
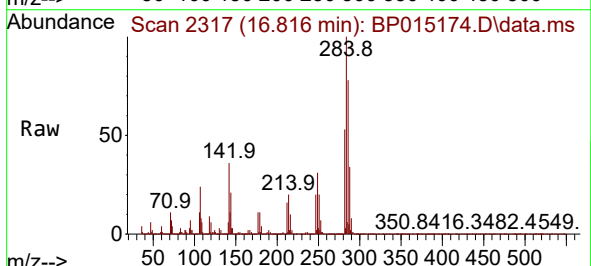
Instrument :
BNA_P
ClientSampleId :
SSTD020721

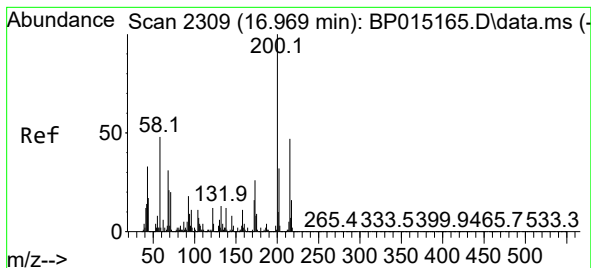
Tgt Ion:248 Resp: 397054
Ion Ratio Lower Upper
248 100
250 97.7 79.0 118.4
141 71.8 58.6 87.8



#69
Hexachlorobenzene
Concen: 21.601 ng/ul
RT: 16.816 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion:284 Resp: 465468
Ion Ratio Lower Upper
284 100
142 36.4 27.3 40.9
249 31.1 24.6 36.8





#70

Atrazine

Concen: 21.651 ng/ul

RT: 16.963 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD020721

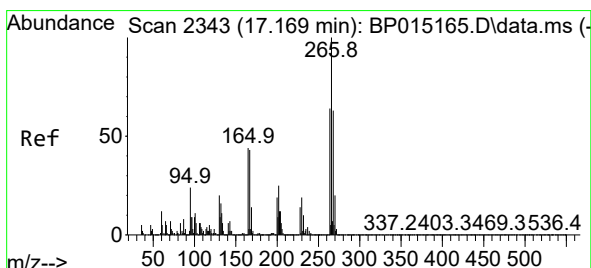
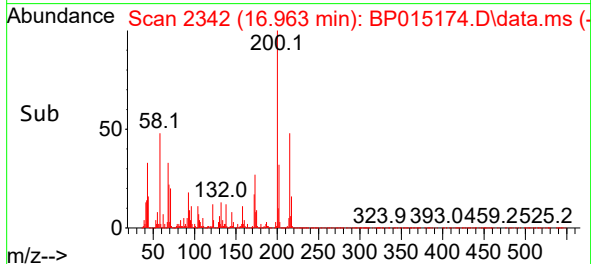
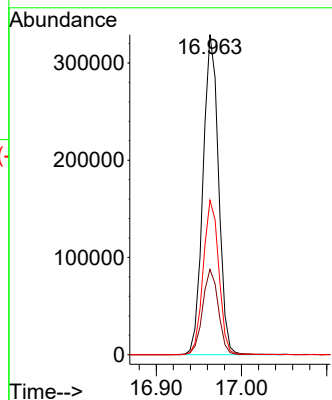
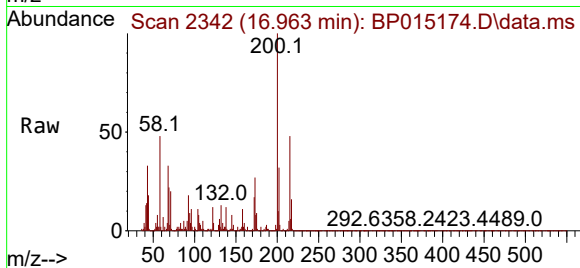
Tgt Ion:200 Resp: 416574

Ion Ratio Lower Upper

200 100

173 26.7 21.4 32.2

215 48.3 38.1 57.1



#71

Pentachlorophenol

Concen: 20.622 ng/ul

RT: 17.163 min Scan# 2376

Delta R.T. 0.000 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

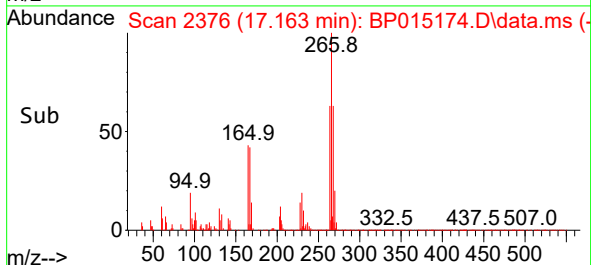
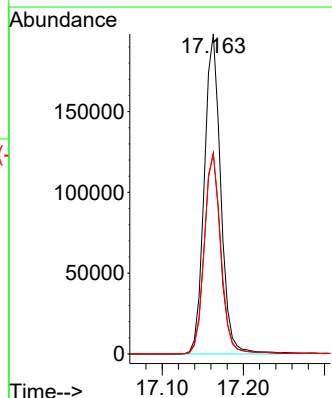
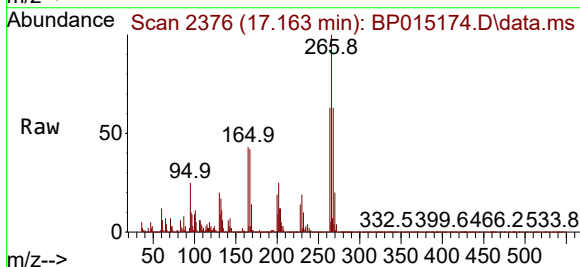
Tgt Ion:266 Resp: 277966

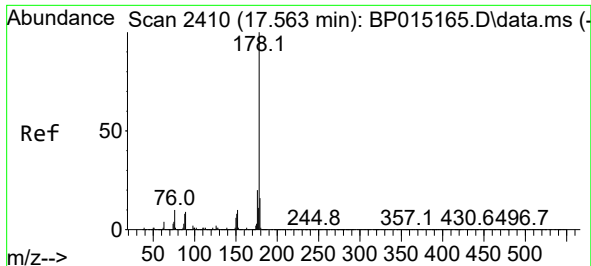
Ion Ratio Lower Upper

266 100

264 62.8 51.0 76.4

268 62.7 51.8 77.6

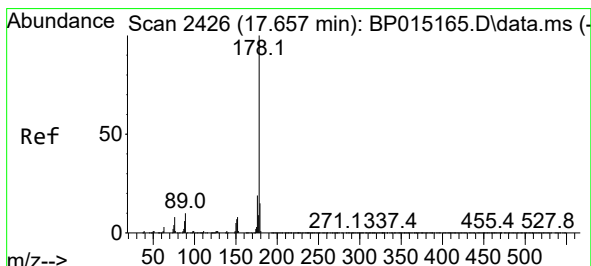
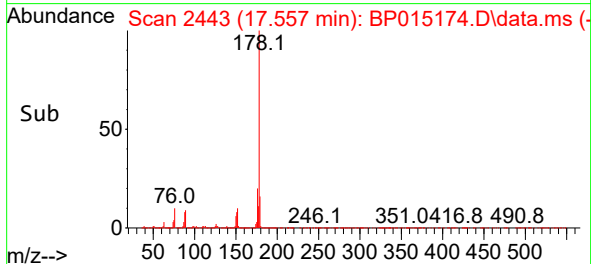
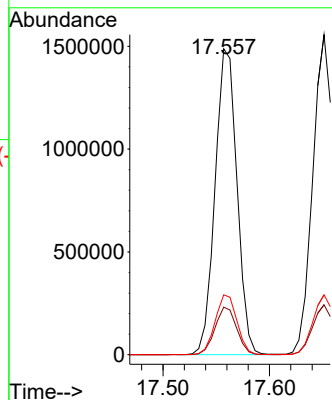
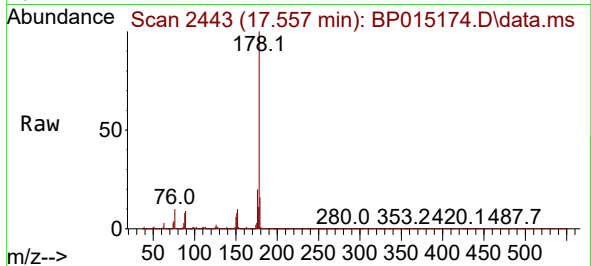




#72
Phenanthrene
Concen: 22.035 ng/ul
RT: 17.557 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

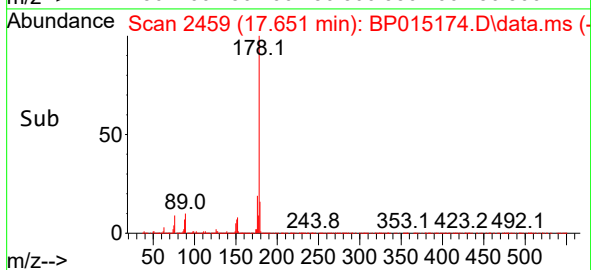
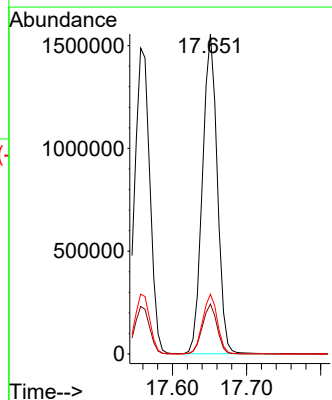
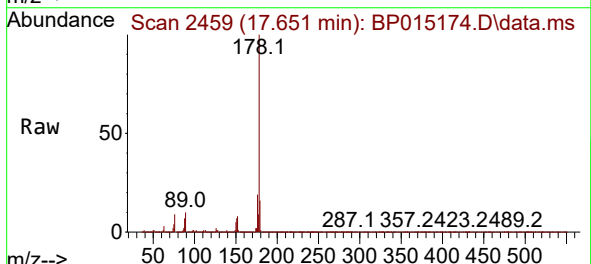
Instrument :
BNA_P
ClientSampleId :
SSTD020721

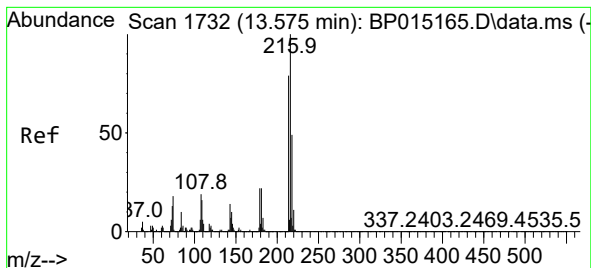
Tgt Ion:178 Resp: 2124130
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.6 15.6 23.4



#74
Anthracene
Concen: 22.161 ng/ul
RT: 17.651 min Scan# 2459
Delta R.T. -0.006 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion:178 Resp: 2160253
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 18.7 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.815 ng/uL

RT: 13.569 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD020721

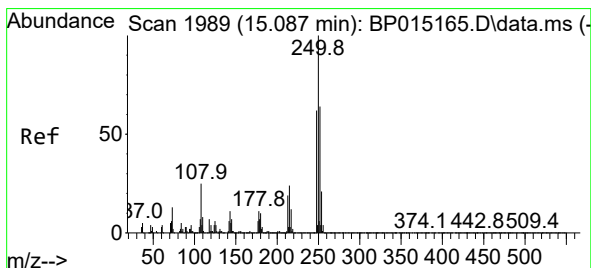
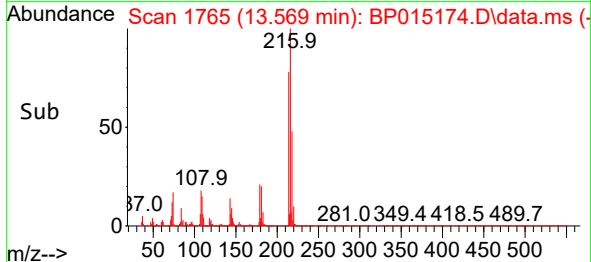
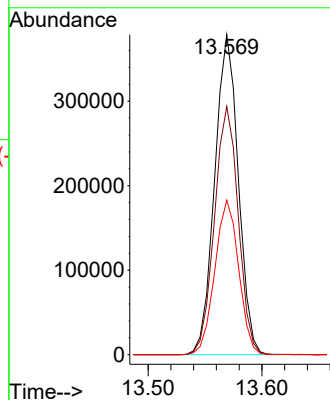
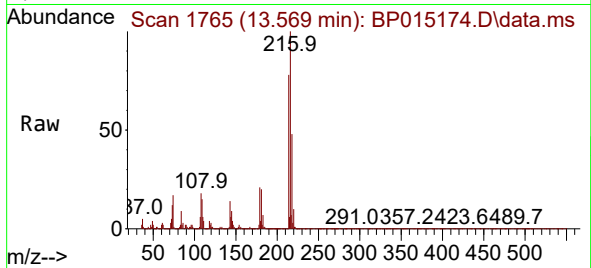
Tgt Ion:216 Resp: 547553

Ion Ratio Lower Upper

216 100

214 77.5 62.2 93.4

218 48.3 38.2 57.2



#76

Pentachlorobenzene

Concen: 22.024 ng/uL

RT: 15.081 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

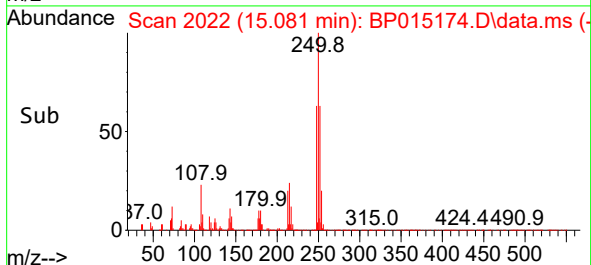
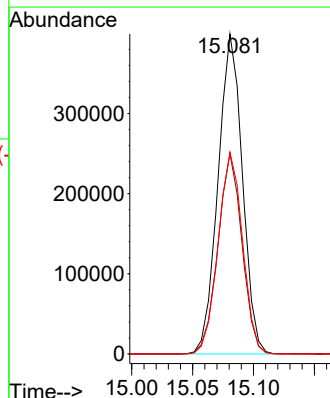
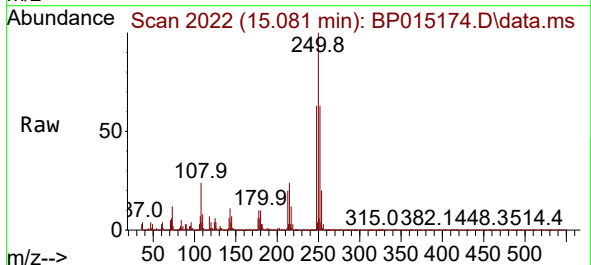
Tgt Ion:250 Resp: 555053

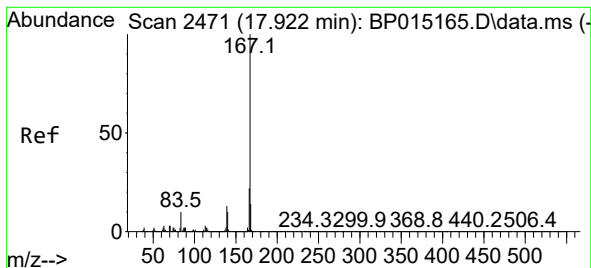
Ion Ratio Lower Upper

250 100

248 62.6 49.8 74.6

252 63.0 51.6 77.4





#77

Carbazole

Concen: 22.996 ng/ul

RT: 17.916 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD020721

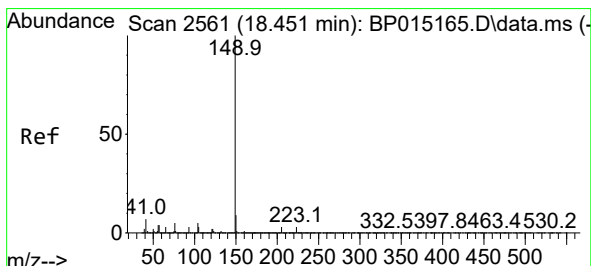
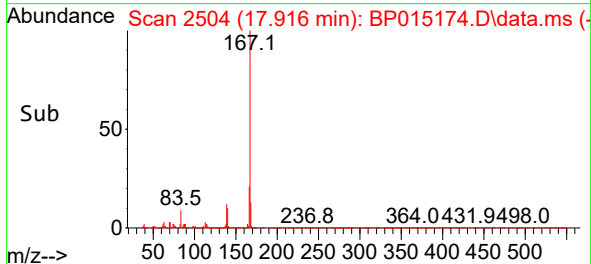
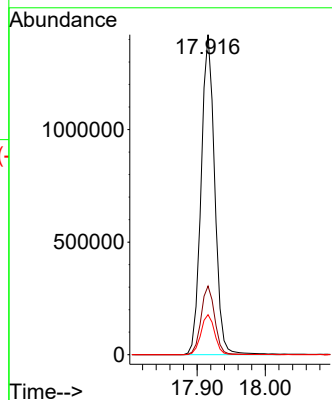
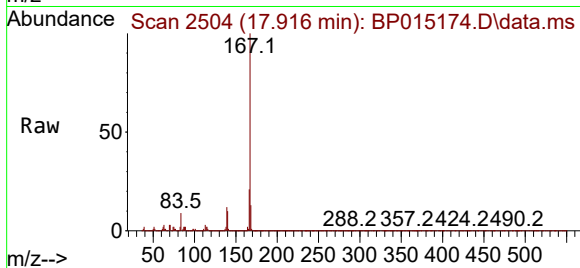
Tgt Ion:167 Resp: 1965660

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.2

139 12.5 10.2 15.4



#78

Di-n-butylphthalate

Concen: 21.826 ng/ul

RT: 18.445 min Scan# 2594

Delta R.T. -0.006 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

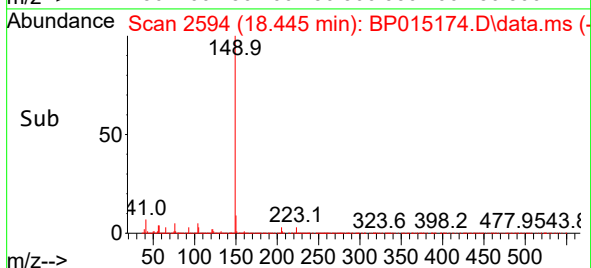
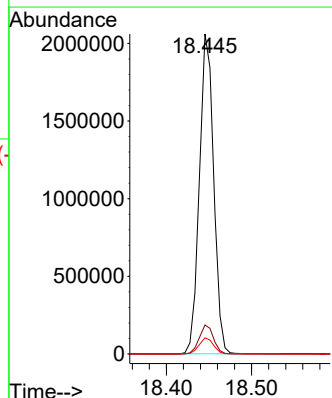
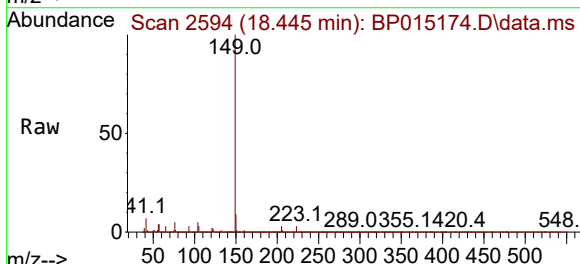
Tgt Ion:149 Resp: 2402544

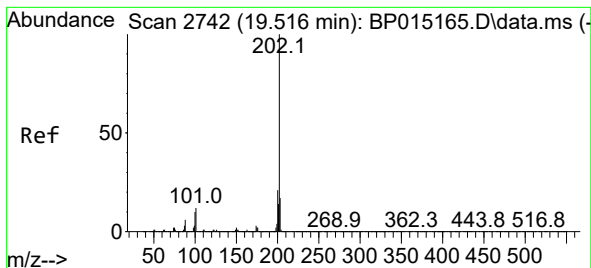
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.0 3.9 5.9





#80

Fluoranthene

Concen: 21.373 ng/ul

RT: 19.510 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD020721

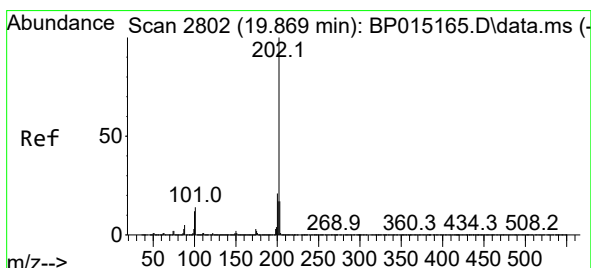
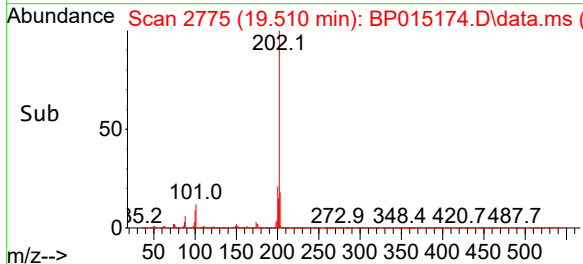
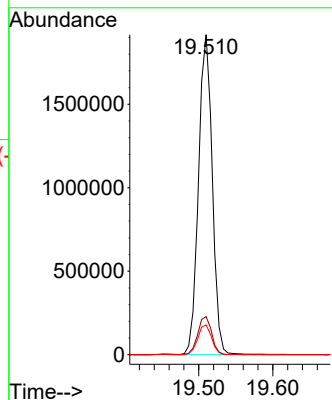
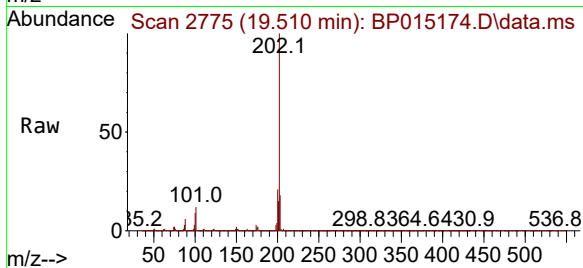
Tgt Ion:202 Resp: 2467209

Ion Ratio Lower Upper

202 100

101 11.9 9.5 14.3

100 9.3 7.3 10.9



#82

Pyrene

Concen: 21.501 ng/ul

RT: 19.863 min Scan# 2835

Delta R.T. -0.006 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

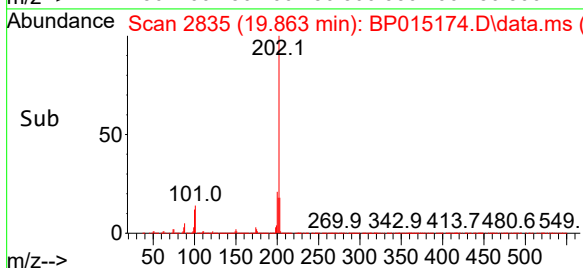
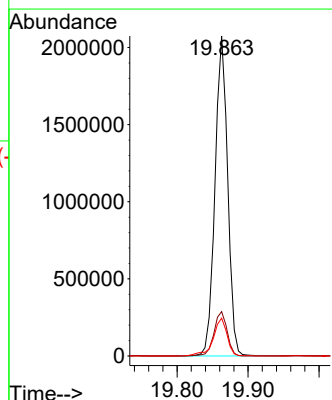
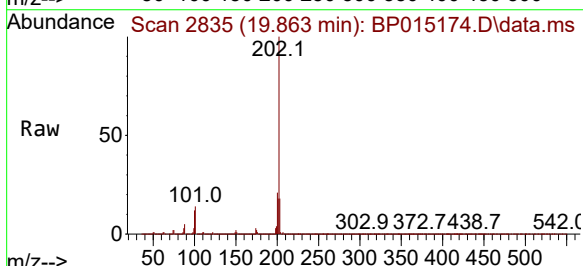
Tgt Ion:202 Resp: 2563167

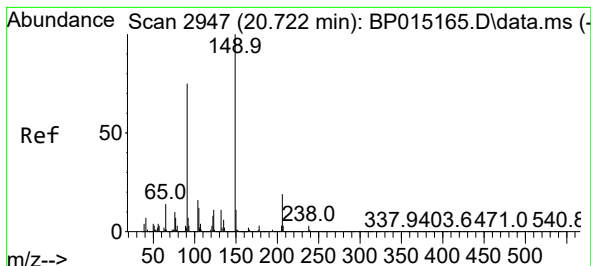
Ion Ratio Lower Upper

202 100

101 13.9 11.2 16.8

100 11.8 9.0 13.6





#83

Butylbenzylphthalate

Concen: 21.322 ng/ul

RT: 20.716 min Scan# 2947

Delta R.T. -0.006 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD020721

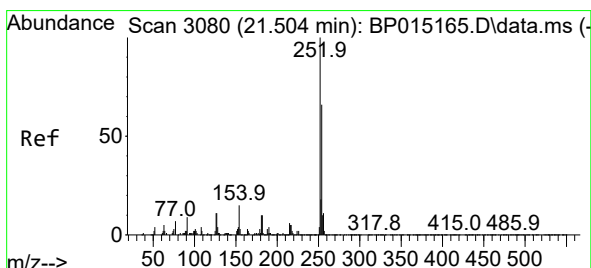
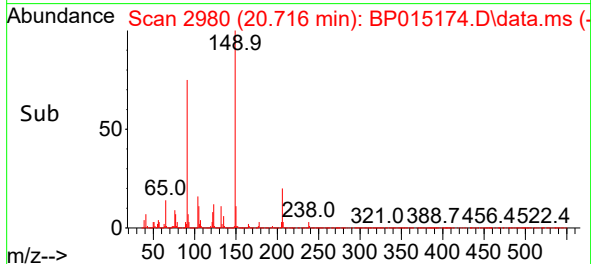
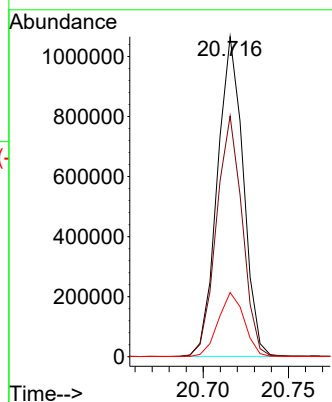
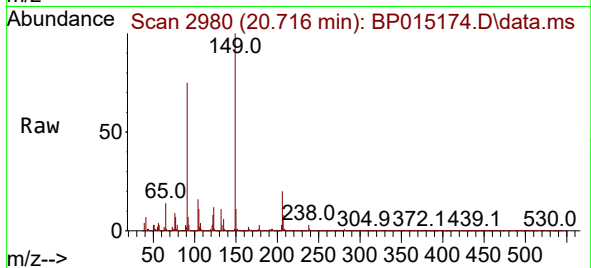
Tgt Ion:149 Resp: 1126844

Ion Ratio Lower Upper

149 100

91 75.2 57.4 86.2

206 20.1 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 20.594 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

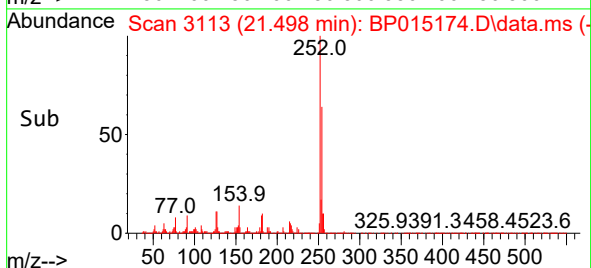
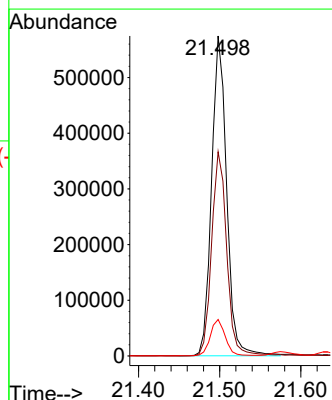
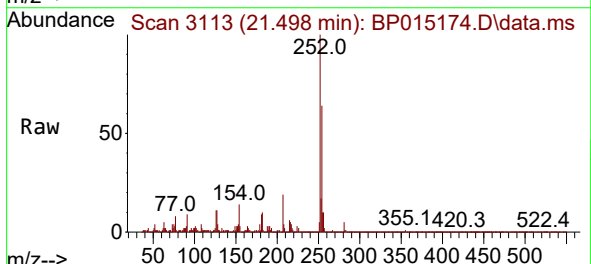
Tgt Ion:252 Resp: 738586

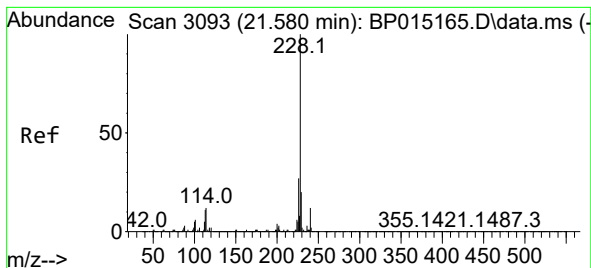
Ion Ratio Lower Upper

252 100

254 63.8 50.8 76.2

126 11.4 9.8 14.8





#85

Benzo(a)anthracene

Concen: 21.676 ng/ul

RT: 21.575 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD020721

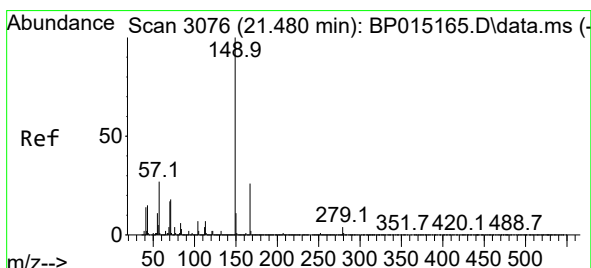
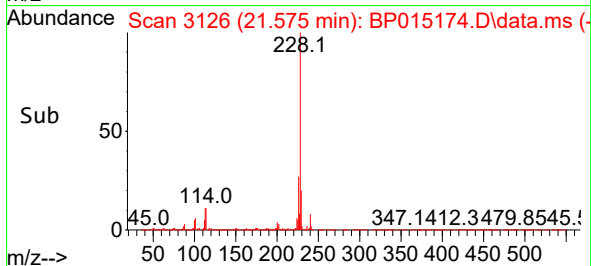
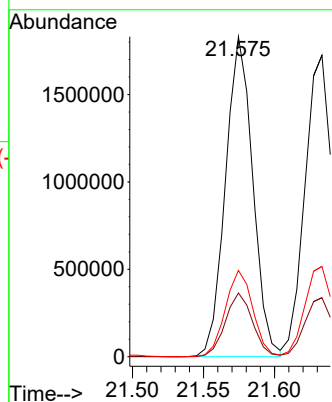
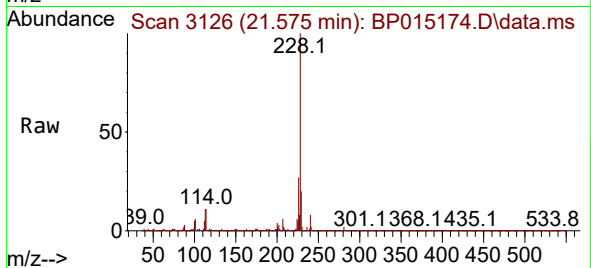
Tgt Ion:228 Resp: 2447471

Ion Ratio Lower Upper

228 100

229 19.9 16.1 24.1

226 27.0 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.561 ng/ul

RT: 21.474 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

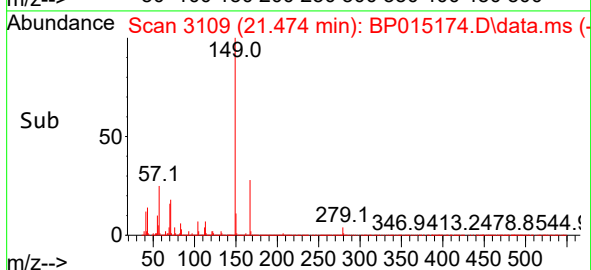
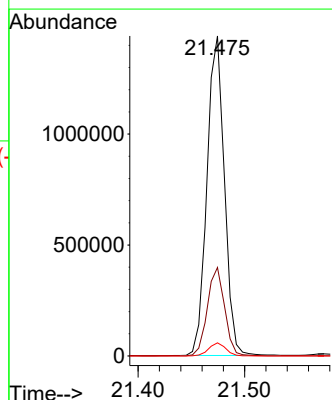
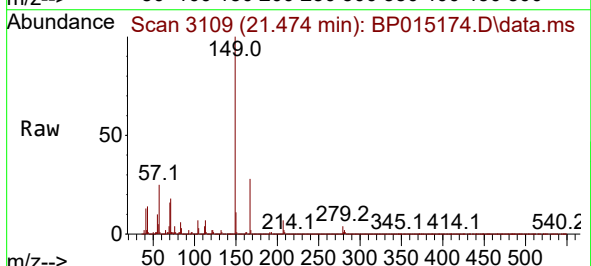
Tgt Ion:149 Resp: 1640457

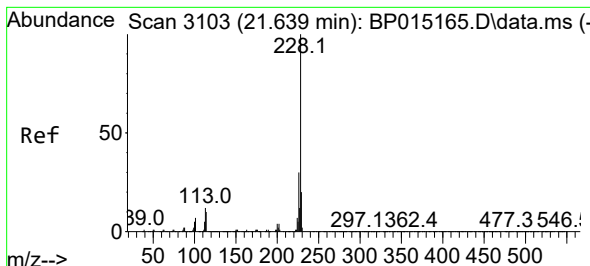
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.6

279 4.1 3.2 4.8





#87

Chrysene

Concen: 21.600 ng/ul

RT: 21.633 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD020721

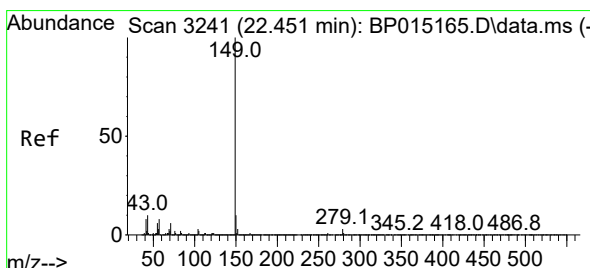
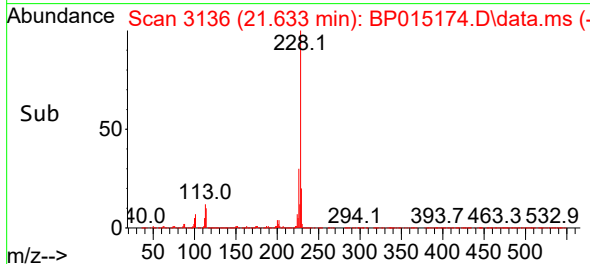
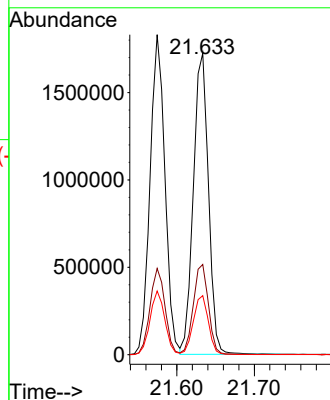
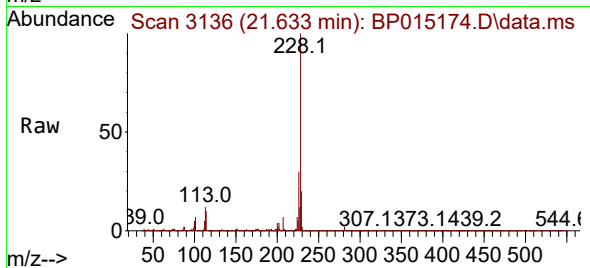
Tgt Ion:228 Resp: 2331426

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.6

229 19.6 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 24.363 ng/ul

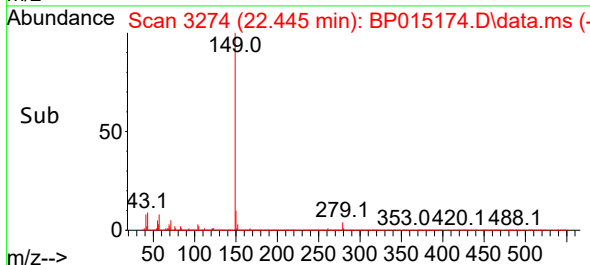
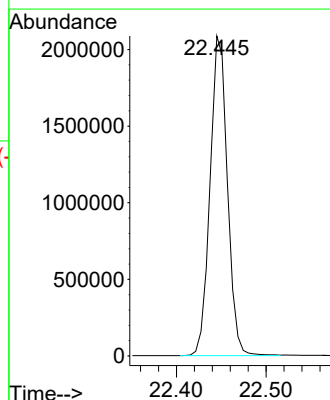
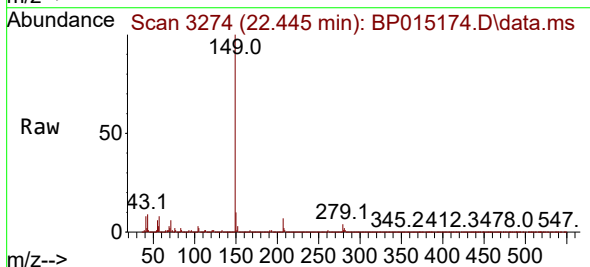
RT: 22.445 min Scan# 3274

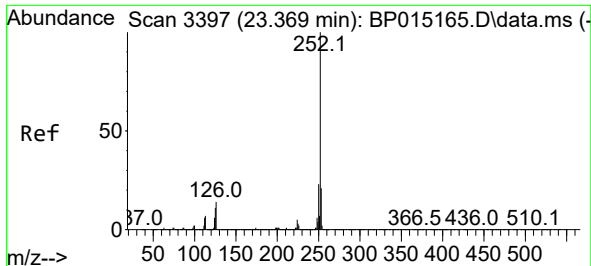
Delta R.T. -0.006 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

Tgt Ion:149 Resp: 2803214

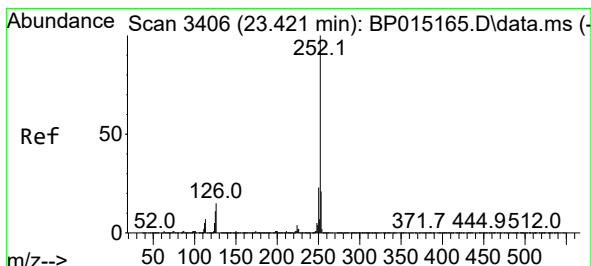
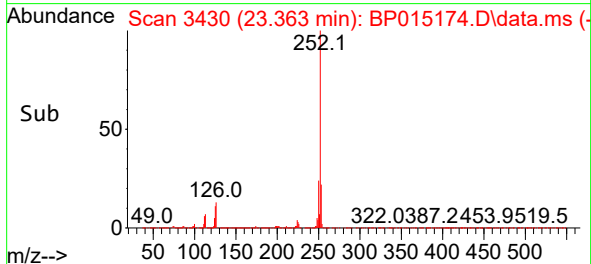
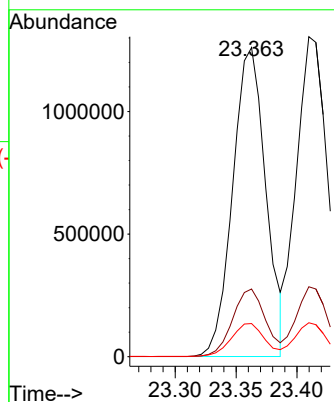
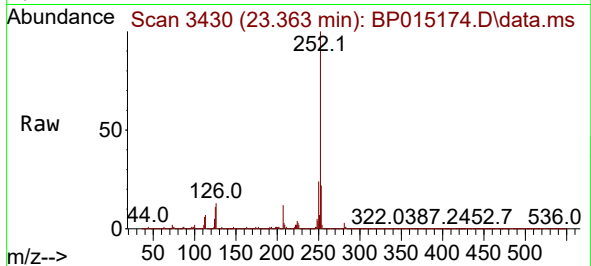




#90
Benzo(b)fluoranthene
Concen: 22.345 ng/ul
RT: 23.363 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

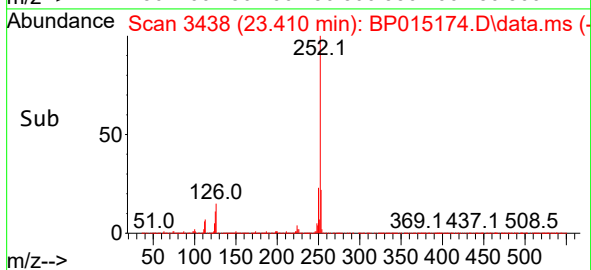
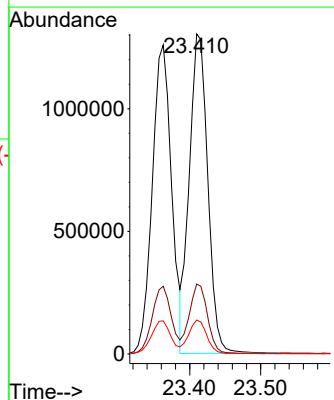
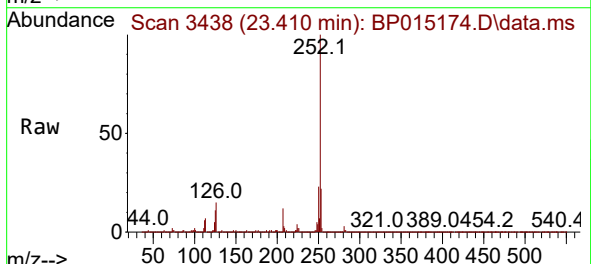
Instrument :
BNA_P
ClientSampleId :
SSTD020721

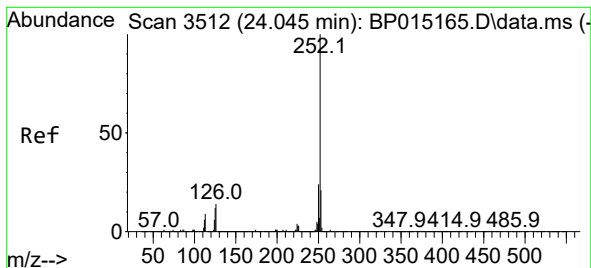
Tgt Ion:252 Resp: 2379839
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.7 8.3 12.5



#91
Benzo(k)fluoranthene
Concen: 23.057 ng/ul
RT: 23.410 min Scan# 3438
Delta R.T. -0.012 min
Lab File: BP015174.D
Acq: 19 May 2023 15:55

Tgt Ion:252 Resp: 2357924
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.6 8.5 12.7





#93

Benzo(a)pyrene

Concen: 21.474 ng/ul

RT: 24.033 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD020721

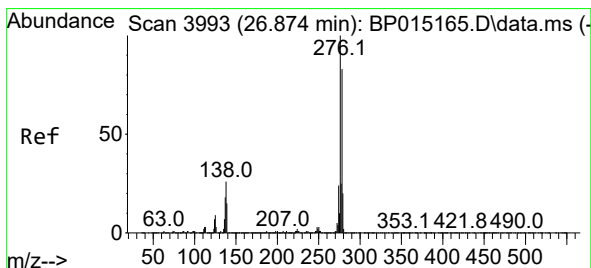
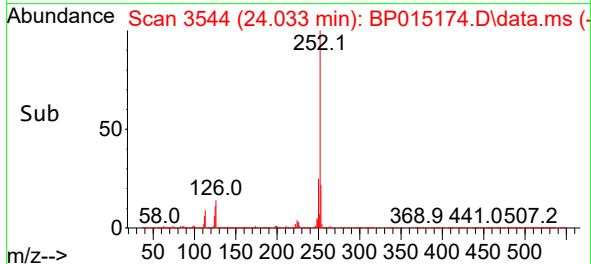
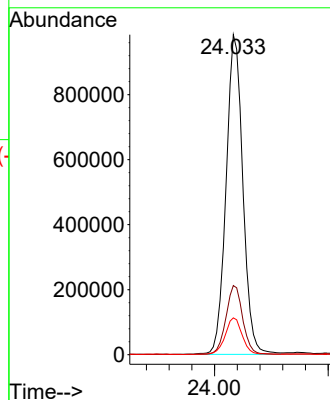
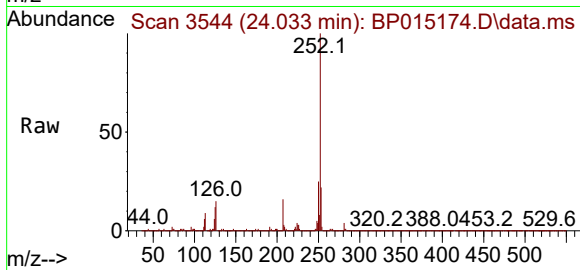
Tgt Ion:252 Resp: 2021498

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 11.5 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.684 ng/ul

RT: 26.857 min Scan# 4024

Delta R.T. -0.012 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

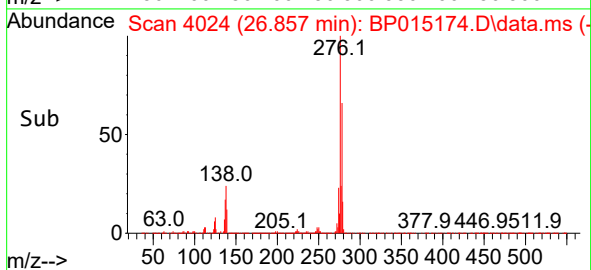
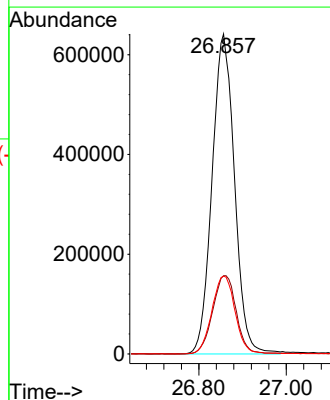
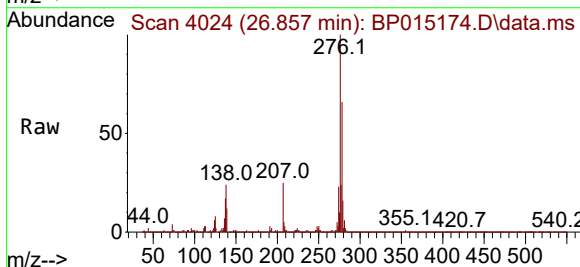
Tgt Ion:276 Resp: 2277416

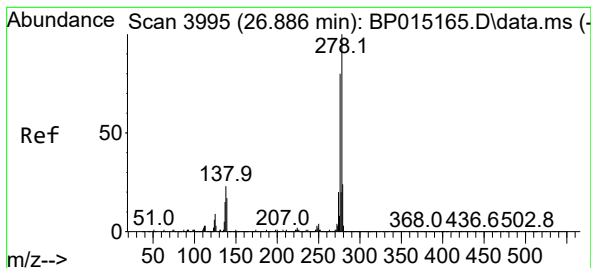
Ion Ratio Lower Upper

276 100

138 24.5 20.1 30.1

277 24.3 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 18.835 ng/ul

RT: 26.874 min Scan# 4027

Delta R.T. -0.012 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD020721

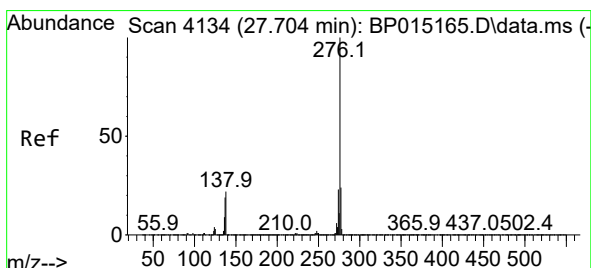
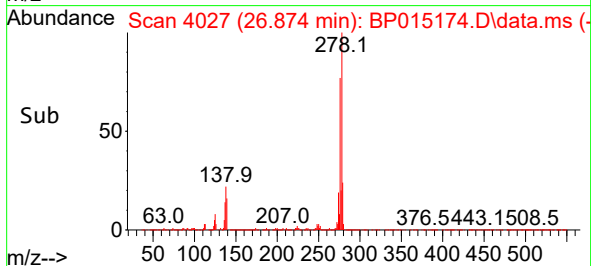
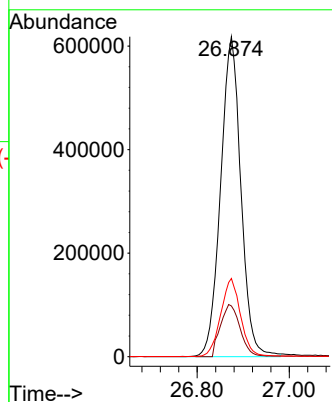
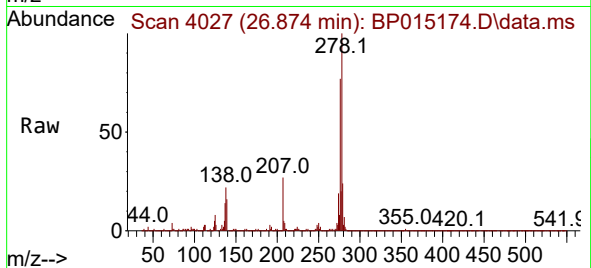
Tgt Ion:278 Resp: 1884570

Ion Ratio Lower Upper

278 100

139 15.9 13.3 19.9

279 24.5 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 18.024 ng/ul

RT: 27.692 min Scan# 4166

Delta R.T. -0.012 min

Lab File: BP015174.D

Acq: 19 May 2023 15:55

Tgt Ion:276 Resp: 1791554

Ion Ratio Lower Upper

276 100

138 22.0 17.7 26.5

277 24.0 18.8 28.2

