

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051123\
 Data File : BP015059.D
 Acq On : 11 May 2023 10:10
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020708

Quant Time: May 11 22:10:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 11 15:04:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	383758	20.000	ng/u1	0.01
20) Naphthalene-d8	10.981	136	1684214	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.793	164	1015922	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.545	188	2015330	20.000	ng/u1	0.00
79) Chrysene-d12	21.628	240	1191643	20.000	ng/u1	0.00
88) Perylene-d12	24.210	264	1431934	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	74525	7.545	ng/uL	0.01
4) Pyridine-d5	3.893	84	516364	18.444	ng/u1	0.01
7) Phenol-d5	7.299	99	682438	19.153	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	392283	19.063	ng/u1	0.01
11) 2-Chlorophenol-d4	7.675	132	516644	19.721	ng/u1	0.00
15) 4-Methylphenol-d8	8.863	113	537803	18.942	ng/u1	0.00
21) Nitrobenzene-d5	9.328	128	258269	19.515	ng/u1	0.01
24) 2-Nitrophenol-d4	10.058	143	290497	19.727	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.599	165	538045	20.248	ng/u1	0.00
31) 4-Chloroaniline-d4	11.116	131	742423	18.884	ng/u1	0.00
46) Dimethylphthalate-d6	14.193	166	1493534	19.455	ng/u1	0.00
49) Acenaphthylene-d8	14.487	160	1759490	20.040	ng/u1	0.00
54) 4-Nitrophenol-d4	14.987	143	240832	16.156	ng/u1	0.01
60) Fluorene-d10	15.781	176	1266909	19.558	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.904	200	131497	10.353	ng/u1	0.00
73) Anthracene-d10	17.645	188	1843222	19.974	ng/u1	0.00
81) Pyrene-d10	19.863	212	1656828	23.973	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1347382	18.955	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.487	88	81033	7.635	ng/uL	95
5) Pyridine	3.911	79	536515	18.426	ng/u1	99
6) Benzaldehyde	7.275	77	178172	18.193	ng/u1	98
8) Phenol	7.328	94	708411	19.389	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.564	93	558830	19.117	ng/u1	99
12) 2-Chlorophenol	7.711	128	540797	19.516	ng/u1	99
13) 2-Methylphenol	8.599	108	543455	19.245	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.675	45	699194	19.091	ng/u1	98
16) Acetophenone	8.987	105	864334	19.505	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.969	70	433645	18.659	ng/u1	98
18) 4-Methylphenol	8.928	108	587748	18.910	ng/u1	99
19) Hexachloroethane	9.246	117	217153	19.192	ng/u1	95
22) Nitrobenzene	9.369	77	631246	19.312	ng/u1	99
23) Isophorone	9.899	82	1273094	18.949	ng/u1	99
25) 2-Nitrophenol	10.087	139	315290	19.525	ng/u1	98
26) 2,4-Dimethylphenol	10.140	107	635814	19.731	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.381	93	779971	19.080	ng/u1	99
29) 2,4-Dichlorophenol	10.628	162	537797	20.037	ng/u1	100
30) Naphthalene	11.034	128	1795851	19.613	ng/u1	99
32) 4-Chloroaniline	11.146	127	769629	19.046	ng/u1	99
33) Hexachlorobutadiene	11.316	225	321728	19.888	ng/u1	96
34) Caprolactam	11.916	113	175069	17.302	ng/u1	95
35) 4-Chloro-3-methylphenol	12.257	107	585165	19.308	ng/u1	97
36) 2-Methylnaphthalene	12.628	142	1195635	19.380	ng/u1	99

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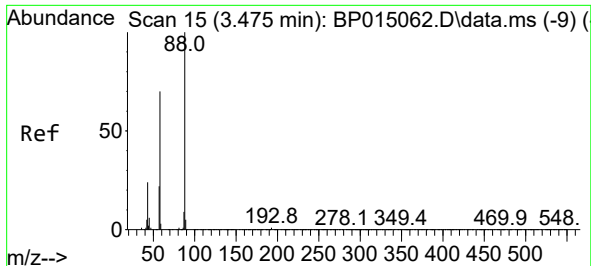
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.846	142	1205082	19.451	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.993	216	631544	20.785	ng/ul	98
40) Hexachlorocyclopentadiene	12.969	237	254983	12.952	ng/ul	98
41) 2,4,6-Trichlorophenol	13.228	196	423698	19.748	ng/ul	98
42) 2,4,5-Trichlorophenol	13.304	196	463357	19.918	ng/ul	98
43) 1,1'-Biphenyl	13.628	154	1611313	20.442	ng/ul	98
44) 2-Chloronaphthalene	13.675	162	1258185	20.439	ng/ul	99
45) 2-Nitroaniline	13.875	65	352406	20.008	ng/ul	98
47) Dimethylphthalate	14.240	163	1547394	19.354	ng/ul	100
48) 2,6-Dinitrotoluene	14.369	165	311148	19.644	ng/ul	97
50) Acenaphthylene	14.516	152	1974160	20.151	ng/ul	100
51) 3-Nitroaniline	14.693	138	281129	19.711	ng/ul	98
52) Acenaphthene	14.857	153	1347952	20.146	ng/ul	99
53) 2,4-Dinitrophenol	14.904	184	57106	5.430	ng/ul	91
55) 4-Nitrophenol	14.998	109	183662	16.751	ng/ul	99
56) Dibenzofuran	15.187	168	1853030	19.911	ng/ul	99
57) 2,4-Dinitrotoluene	15.151	165	430906	18.800	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.416	232	345586	17.602	ng/ul	97
59) Diethylphthalate	15.598	149	1546064	19.389	ng/ul	100
61) Fluorene	15.840	166	1478158	19.764	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.828	204	724579	19.828	ng/ul	99
63) 4-Nitroaniline	15.857	138	257584	20.914	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.916	198	138389	10.558	ng/ul#	99
67) N-Nitrosodiphenylamine	16.040	169	1264949	21.346	ng/ul	100
68) 4-Bromophenyl-phenylether	16.728	248	442815	21.332	ng/ul	96
69) Hexachlorobenzene	16.851	284	498630	20.327	ng/ul	98
70) Atrazine	16.992	200	444259	20.283	ng/ul	99
71) Pentachlorophenol	17.192	266	224076	14.603	ng/ul	98
72) Phenanthrene	17.592	178	2185290	19.913	ng/ul	100
74) Anthracene	17.681	178	2228197	20.079	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.599	216	641105	22.436	ng/ul	99
76) Pentachlorobenzene	15.110	250	627832	21.883	ng/ul	100
77) Carbazole	17.945	167	1888530	19.407	ng/ul	99
78) Di-n-butylphthalate	18.475	149	2511967	20.045	ng/ul	100
80) Fluoranthene	19.539	202	2125267	25.229	ng/ul	100
82) Pyrene	19.892	202	2102823	24.173	ng/ul	99
83) Butylbenzylphthalate	20.745	149	896500	23.247	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.533	252	367604	14.046	ng/ul	99
85) Benzo(a)anthracene	21.610	228	1630991	19.795	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.504	149	1258128	22.661	ng/ul	100
87) Chrysene	21.663	228	1552718	19.713	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	1892158	19.294	ng/ul	100
90) Benzo(b)fluoranthene	23.416	252	1693108	18.651	ng/ul	99
91) Benzo(k)fluoranthene	23.469	252	1646443	18.889	ng/ul	99
93) Benzo(a)pyrene	24.098	252	1532213	19.096	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.957	276	2132435	20.525	ng/ul	100
95) Dibenzo(a,h)anthracene	26.968	278	1755146	20.580	ng/ul	100
96) Benzo(g,h,i)perylene	27.798	276	1765734	20.842	ng/ul	100

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

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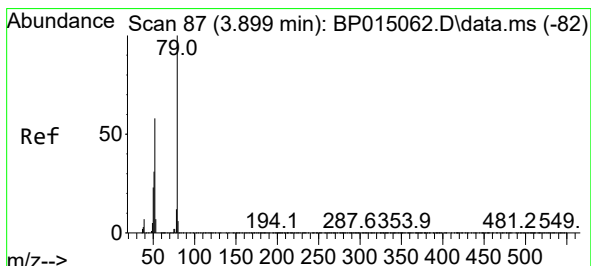
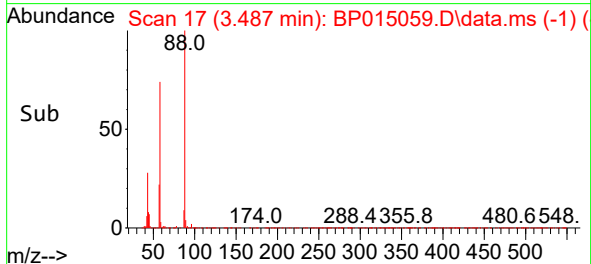
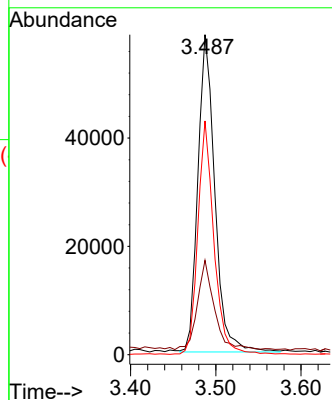
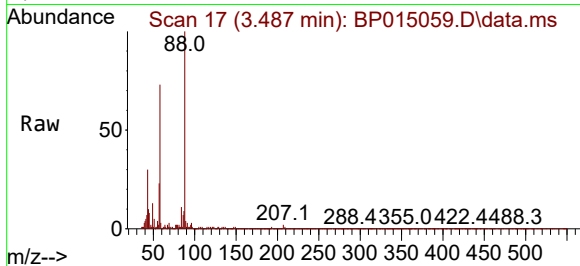




#2
1,4-Dioxane
Concen: 7.635 ng/uL
RT: 3.487 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP015059.D
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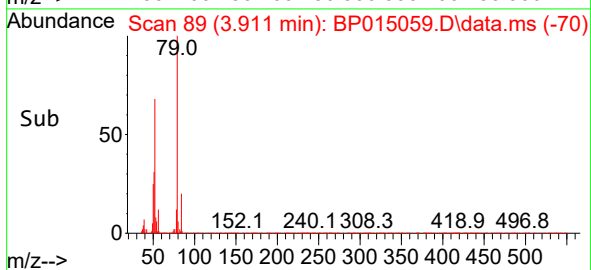
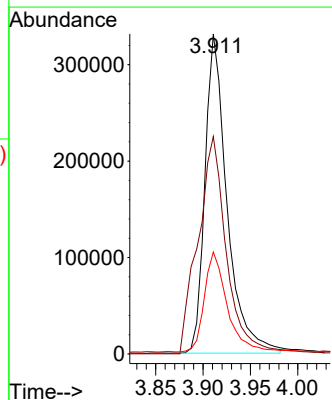
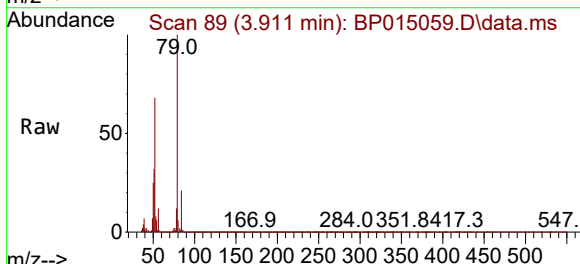
Instrument :
BNA_P
ClientSampleId :
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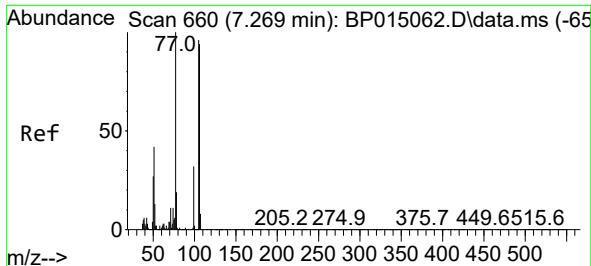
Tgt Ion: 88 Resp: 81033
Ion Ratio Lower Upper
88 100
43 29.5 20.4 30.6
58 73.1 55.4 83.2



#5
Pyridine
Concen: 18.426 ng/uL
RT: 3.911 min Scan# 89
Delta R.T. 0.012 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

Tgt Ion: 79 Resp: 536515
Ion Ratio Lower Upper
79 100
52 68.0 55.4 83.2
51 31.9 25.4 38.2

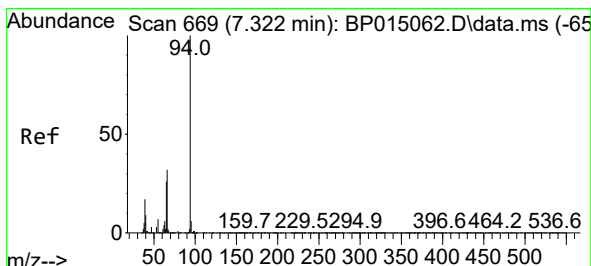
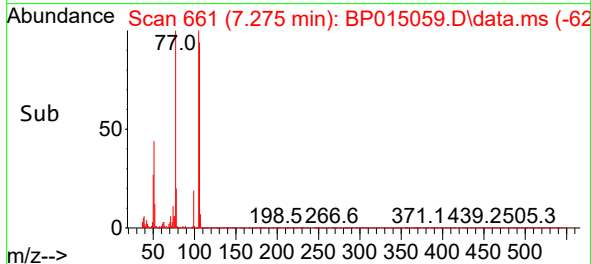
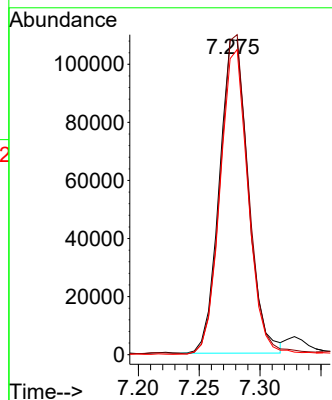
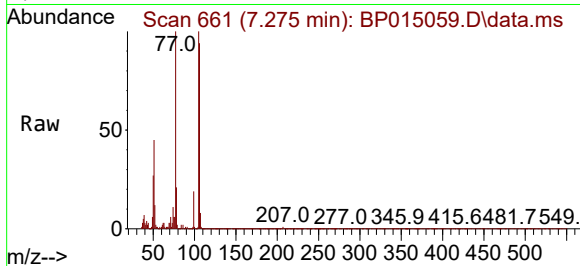




#6
Benzaldehyde
Concen: 18.193 ng/ul
RT: 7.275 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

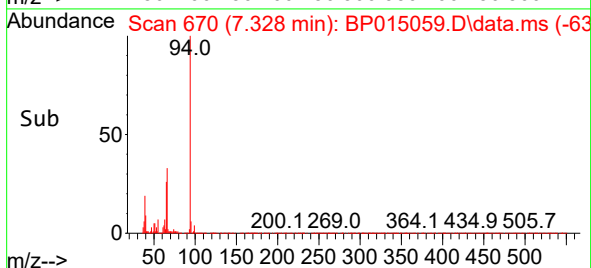
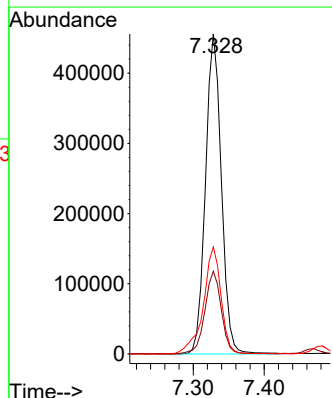
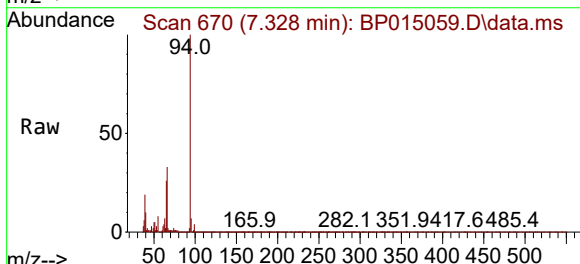
Instrument :
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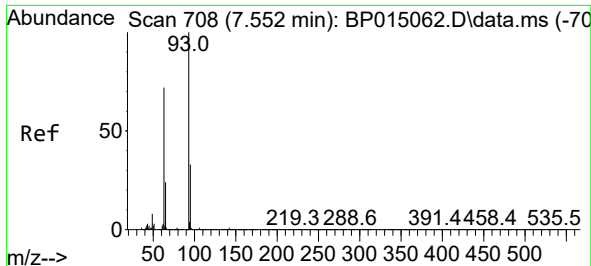
Tgt Ion: 77 Resp: 178172
Ion Ratio Lower Upper
77 100
105 99.7 76.9 115.3
106 94.0 75.0 112.6



#8
Phenol
Concen: 19.389 ng/ul
RT: 7.328 min Scan# 670
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

Tgt Ion: 94 Resp: 708411
Ion Ratio Lower Upper
94 100
65 25.8 20.6 31.0
66 33.5 26.1 39.1

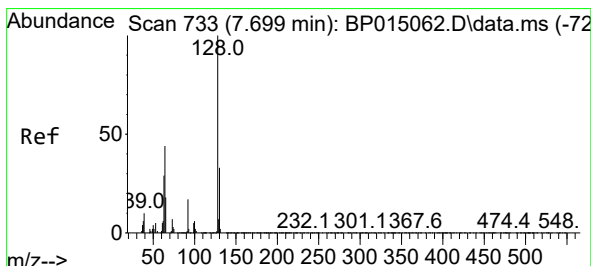
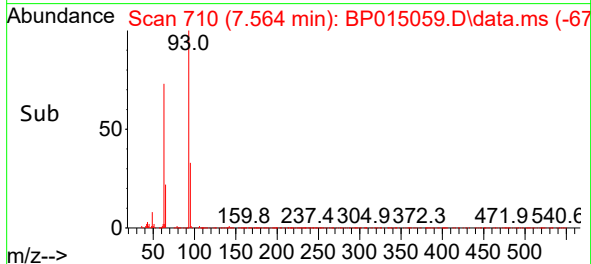
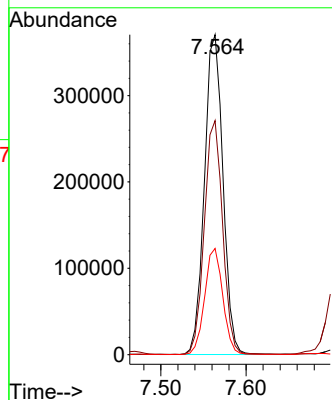
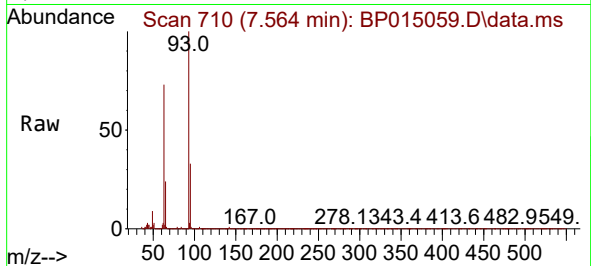




#10
Bis(2-Chloroethyl)ether
Concen: 19.117 ng/ul
RT: 7.564 min Scan# 710
Delta R.T. 0.012 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

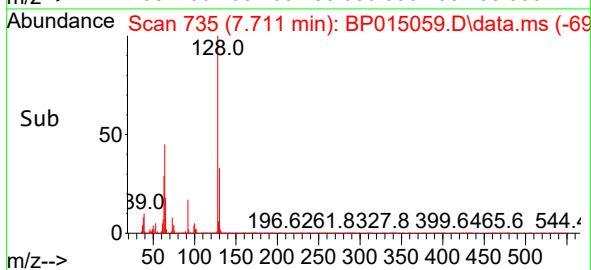
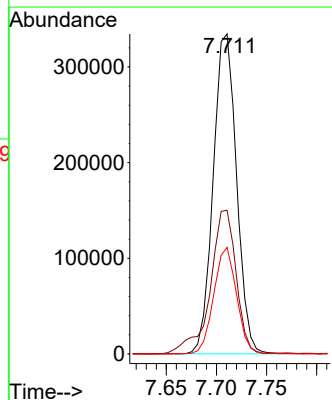
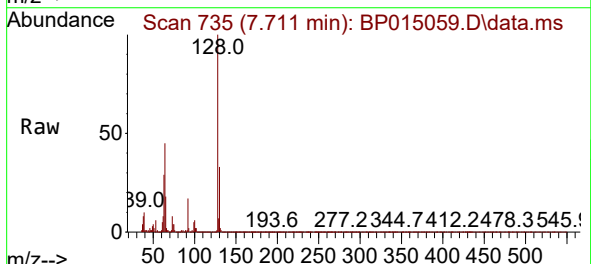
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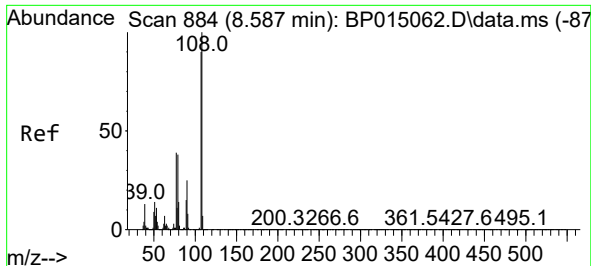
Tgt Ion: 93 Resp: 558830
Ion Ratio Lower Upper
93 100
63 73.2 58.0 87.0
95 33.2 26.4 39.6



#12
2-Chlorophenol
Concen: 19.516 ng/ul
RT: 7.711 min Scan# 735
Delta R.T. 0.012 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

Tgt Ion:128 Resp: 540797
Ion Ratio Lower Upper
128 100
64 44.9 36.2 54.2
130 33.3 26.3 39.5





#13

2-Methylphenol

Concen: 19.245 ng/ul

RT: 8.599 min Scan# 884

Delta R.T. 0.012 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Instrument :

BNA_P

ClientSampleId :

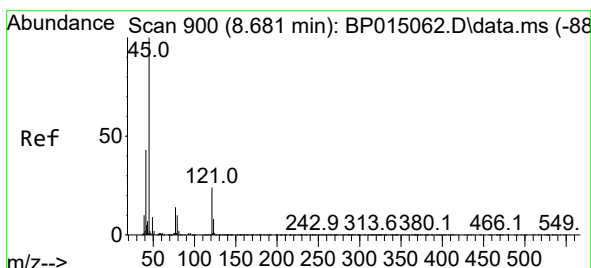
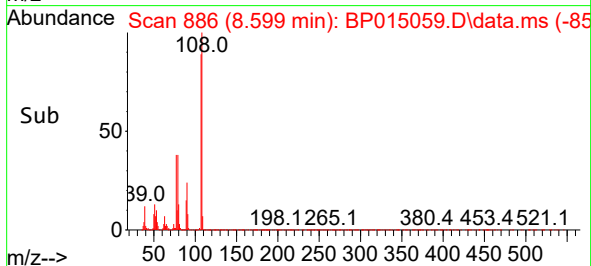
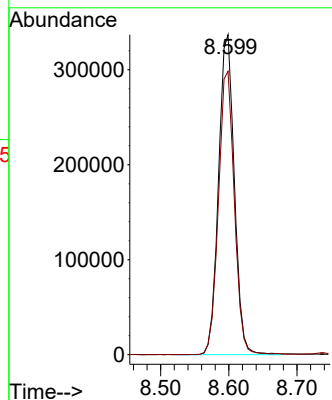
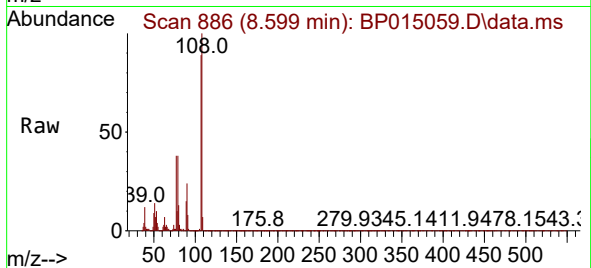
SSTD020708

Tgt Ion:108 Resp: 543455

Ion Ratio Lower Upper

108 100

107 88.5 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.091 ng/ul

RT: 8.675 min Scan# 899

Delta R.T. -0.006 min

Lab File: BP015059.D

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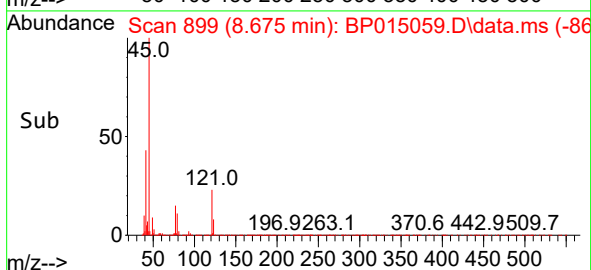
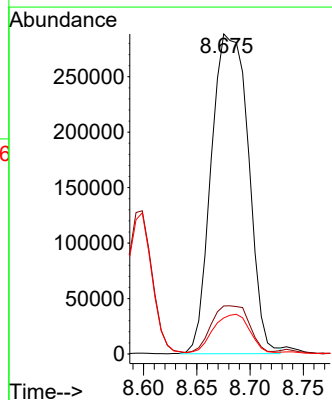
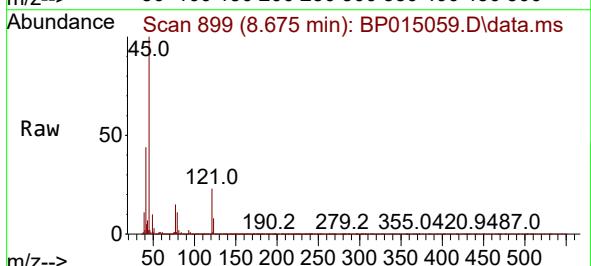
Tgt Ion: 45 Resp: 699194

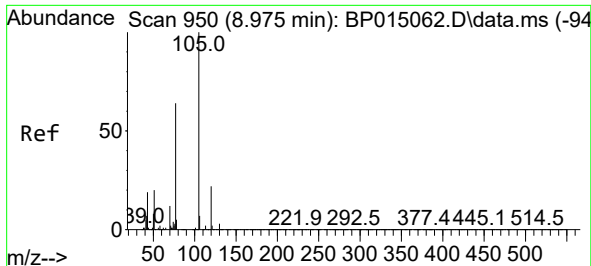
Ion Ratio Lower Upper

45 100

77 15.0 12.8 19.2

79 11.2 9.5 14.3

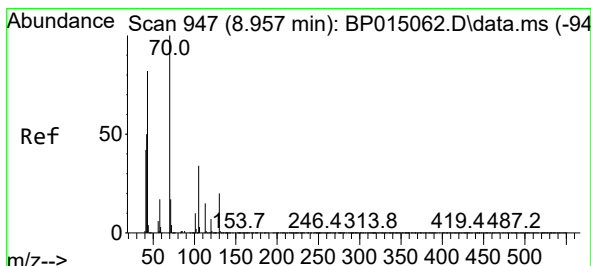
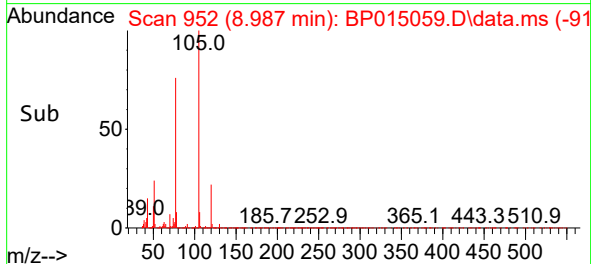
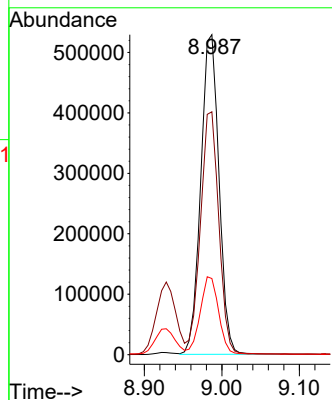
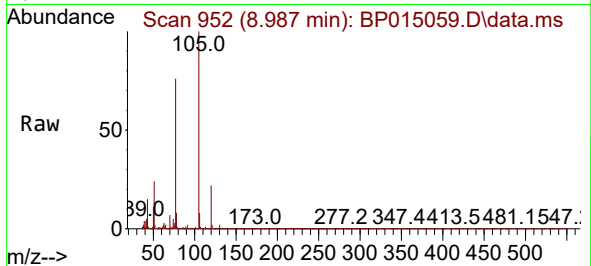




#16
Acetophenone
Concen: 19.505 ng/ul
RT: 8.987 min Scan# 91
Delta R.T. 0.012 min
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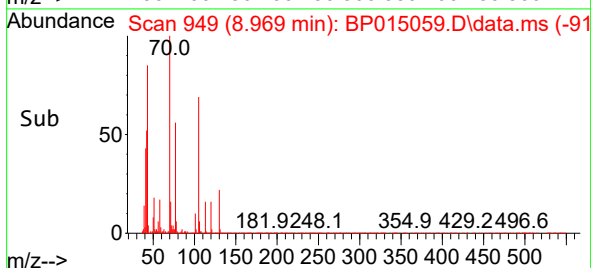
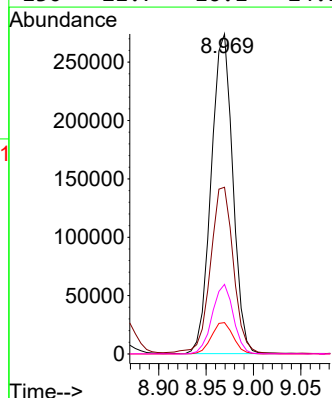
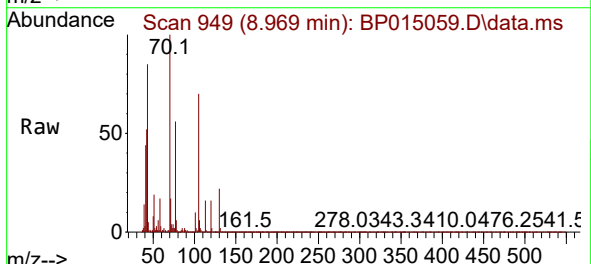
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ClientSampleId :
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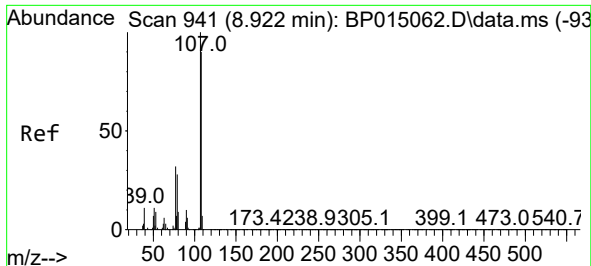
Tgt Ion:105 Resp: 864334
Ion Ratio Lower Upper
105 100
77 75.9 59.4 89.2
51 23.8 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 18.659 ng/ul
RT: 8.969 min Scan# 949
Delta R.T. 0.012 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

Tgt Ion: 70 Resp: 433645
Ion Ratio Lower Upper
70 100
42 52.1 41.0 61.6
101 9.8 7.9 11.9
130 21.7 16.1 24.1

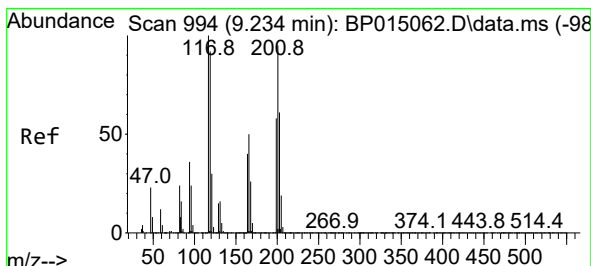
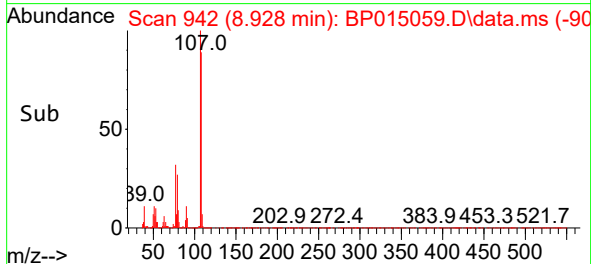
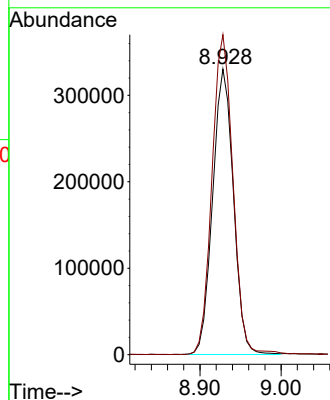
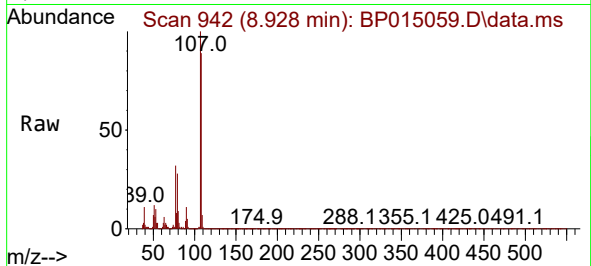




#18
4-Methylphenol
Concen: 18.910 ng/ul
RT: 8.928 min Scan# 941
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

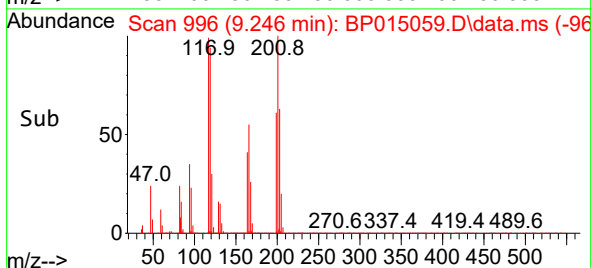
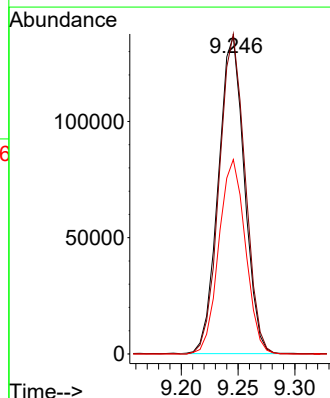
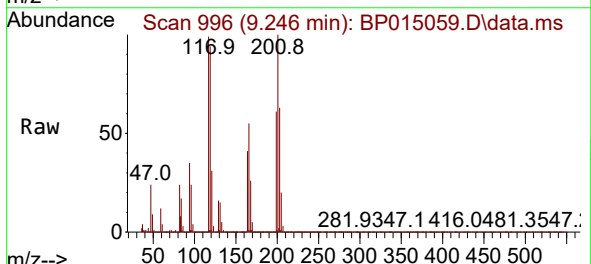
Instrument :
BNA_P
ClientSampleId :
SSTD020708

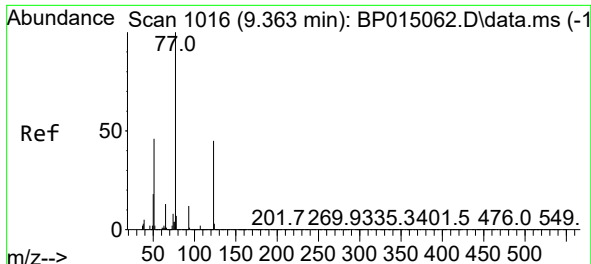
Tgt Ion:108 Resp: 587748
Ion Ratio Lower Upper
108 100
107 112.0 88.5 132.7



#19
Hexachloroethane
Concen: 19.192 ng/ul
RT: 9.246 min Scan# 996
Delta R.T. 0.012 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

Tgt Ion:117 Resp: 217153
Ion Ratio Lower Upper
117 100
201 100.7 75.8 113.8
199 61.2 46.5 69.7

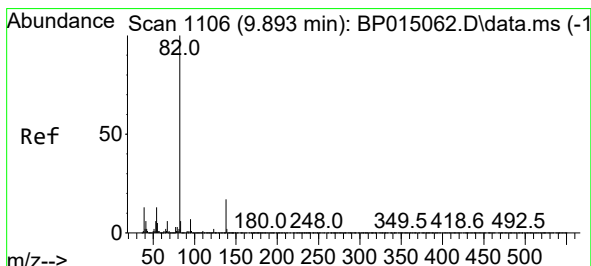
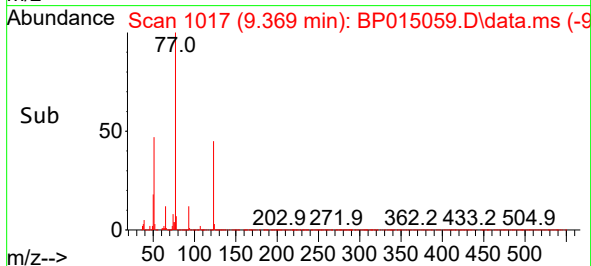
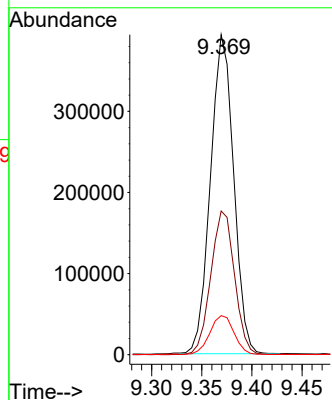
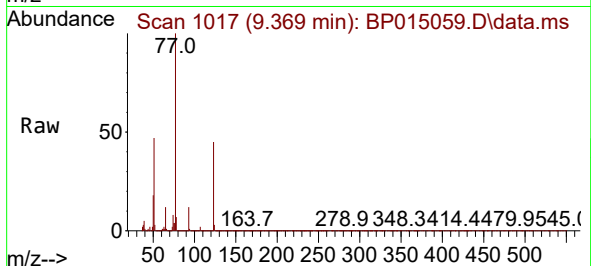




#22
Nitrobenzene
Concen: 19.312 ng/ul
RT: 9.369 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

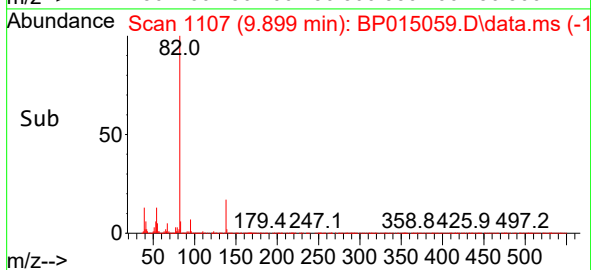
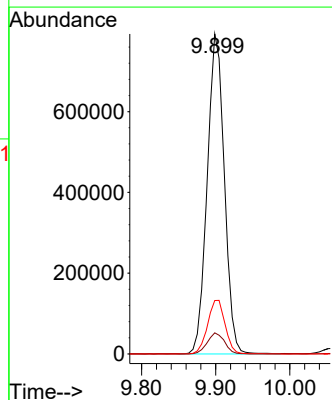
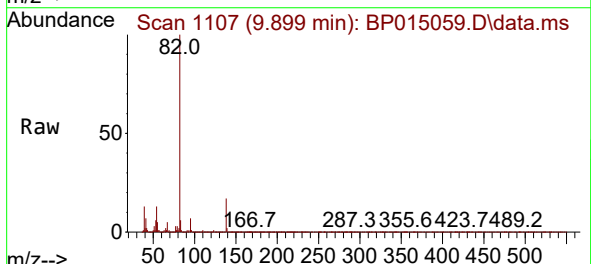
Instrument :
BNA_P
ClientSampleId :
SSTD020708

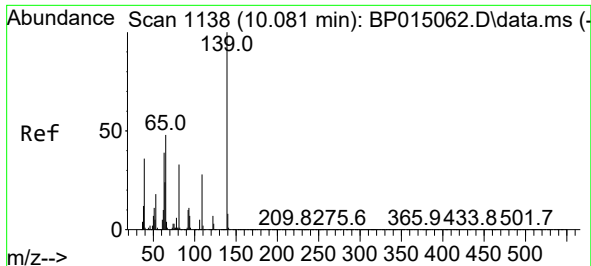
Tgt Ion: 77 Resp: 631246
Ion Ratio Lower Upper
77 100
123 44.9 36.2 54.2
65 12.2 10.1 15.1



#23
Isophorone
Concen: 18.949 ng/ul
RT: 9.899 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

Tgt Ion: 82 Resp: 1273094
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 16.7 13.6 20.4

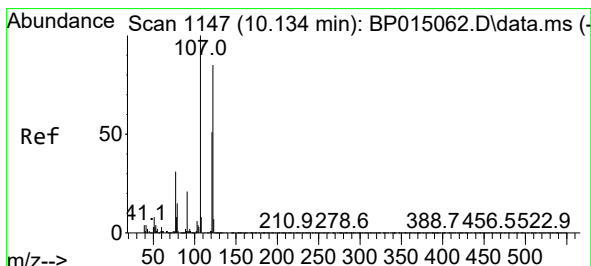
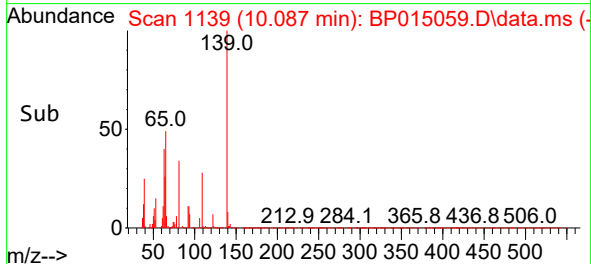
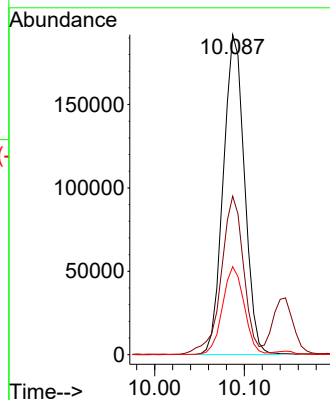
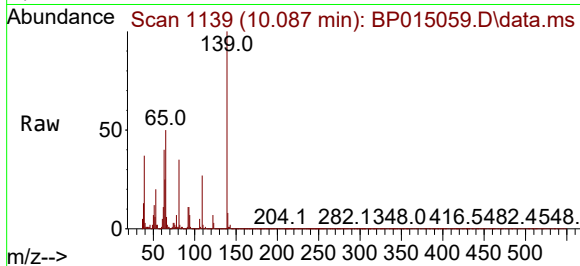




#25
2-Nitrophenol
Concen: 19.525 ng/ul
RT: 10.087 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

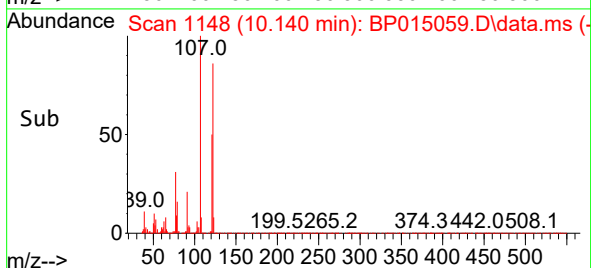
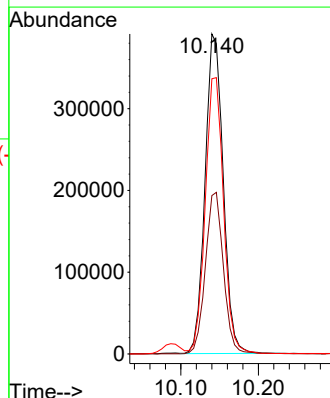
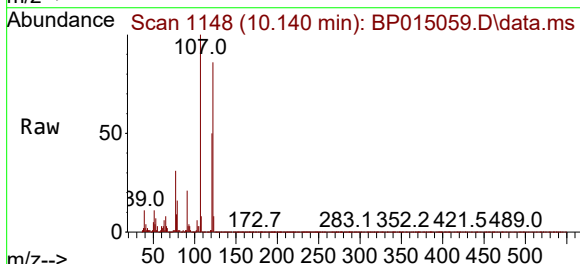
Instrument :
BNA_P
ClientSampleId :
SSTD020708

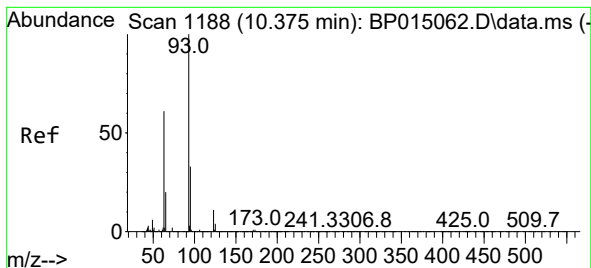
Tgt Ion:139 Resp: 315290
Ion Ratio Lower Upper
139 100
65 49.5 38.4 57.6
109 27.5 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 19.731 ng/ul
RT: 10.140 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

Tgt Ion:107 Resp: 635814
Ion Ratio Lower Upper
107 100
121 49.5 41.0 61.6
122 86.0 69.5 104.3

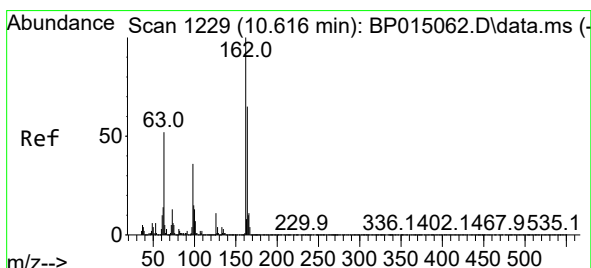
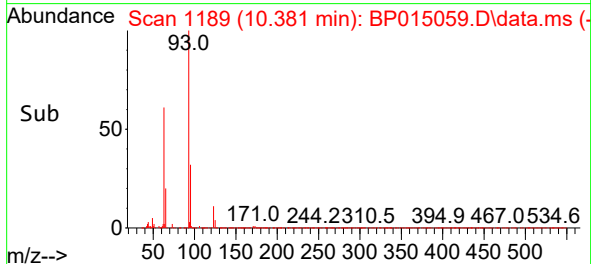
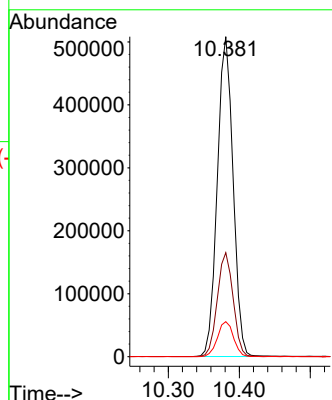
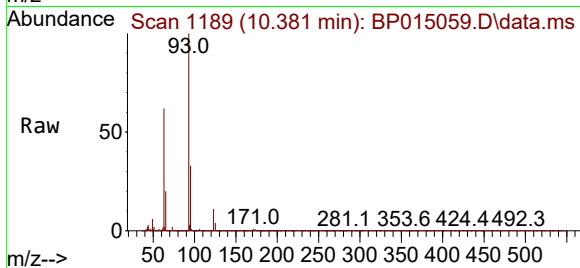




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.080 ng/ul
 RT: 10.381 min Scan# 1188
 Delta R.T. 0.006 min
 Lab File: BP015059.D
 Acq: 11 May 2023 10:10

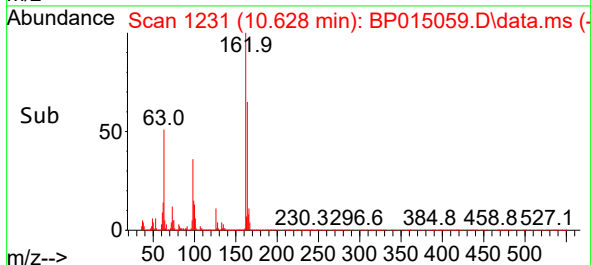
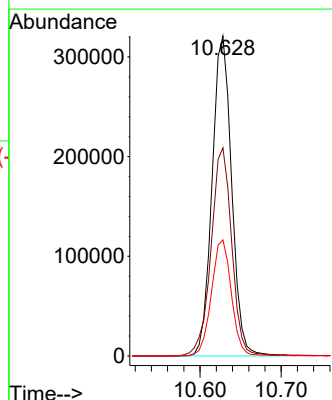
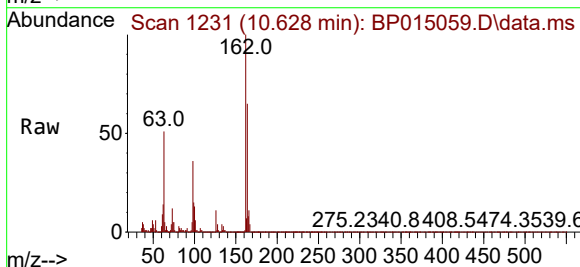
Instrument :
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 SSTD020708

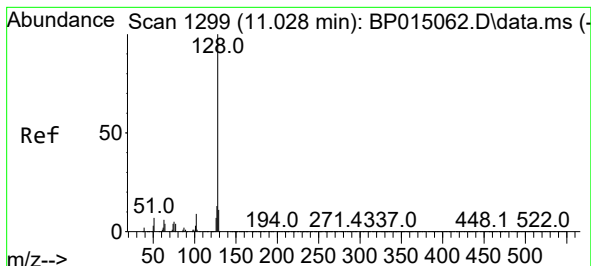
Tgt Ion: 93 Resp: 779971
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.7 40.1
 123 11.0 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 20.037 ng/ul
 RT: 10.628 min Scan# 1231
 Delta R.T. 0.012 min
 Lab File: BP015059.D
 Acq: 11 May 2023 10:10

Tgt Ion: 162 Resp: 537797
 Ion Ratio Lower Upper
 162 100
 164 65.0 52.0 78.0
 98 36.3 28.9 43.3

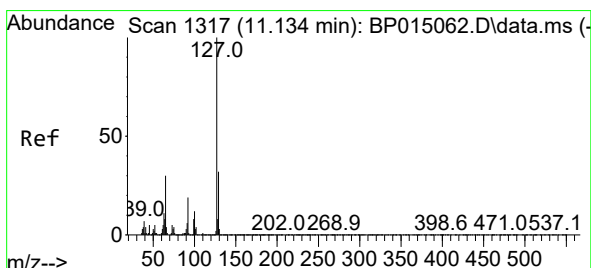
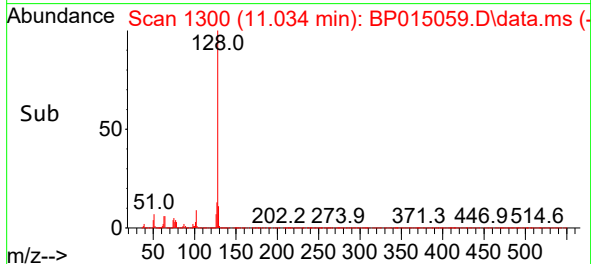
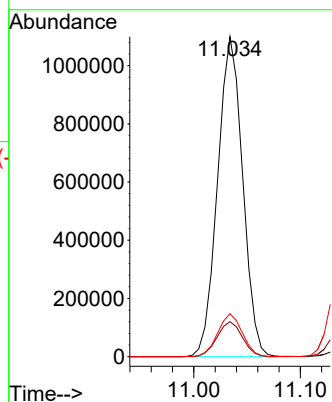
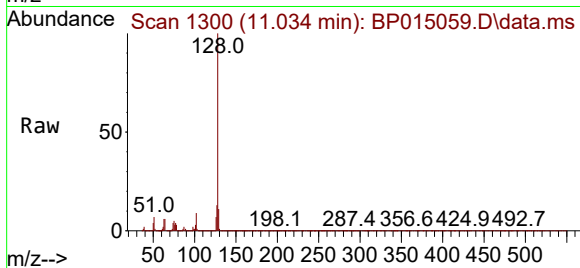




#30
Naphthalene
Concen: 19.613 ng/ul
RT: 11.034 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

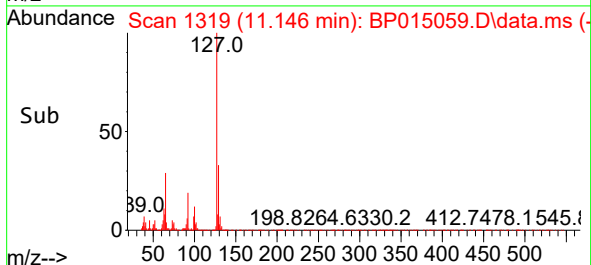
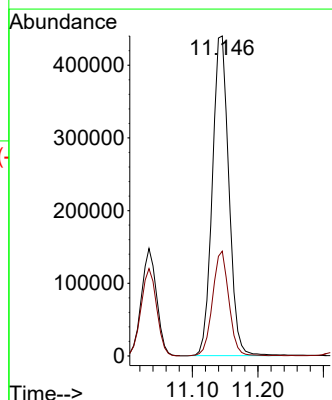
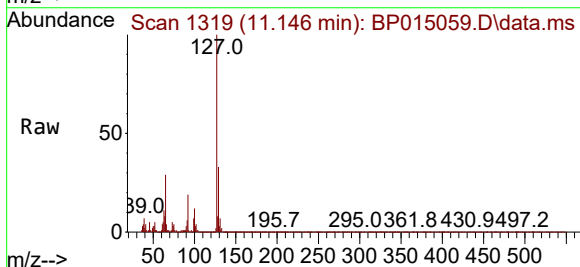
Instrument :
BNA_P
ClientSampleId :
SSTD020708

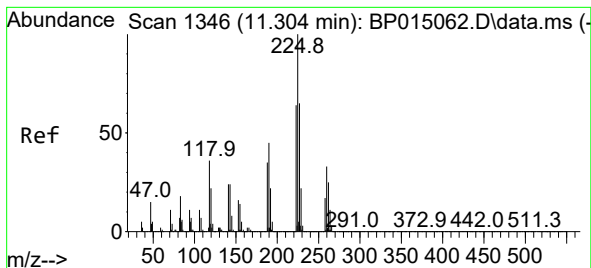
Tgt Ion:128 Resp: 1795851
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.5 10.6 15.8



#32
4-Chloroaniline
Concen: 19.046 ng/ul
RT: 11.146 min Scan# 1319
Delta R.T. 0.012 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

Tgt Ion:127 Resp: 769629
Ion Ratio Lower Upper
127 100
129 32.8 25.8 38.8





#33

Hexachlorobutadiene

Concen: 19.888 ng/ul

RT: 11.316 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Instrument :

BNA_P

ClientSampleId :

SSTD020708

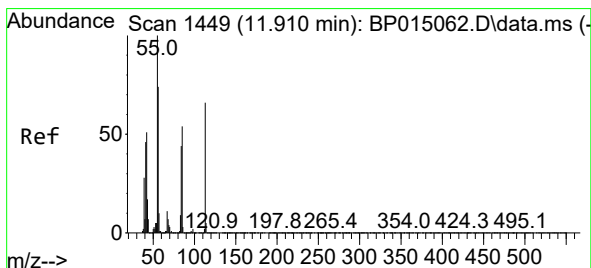
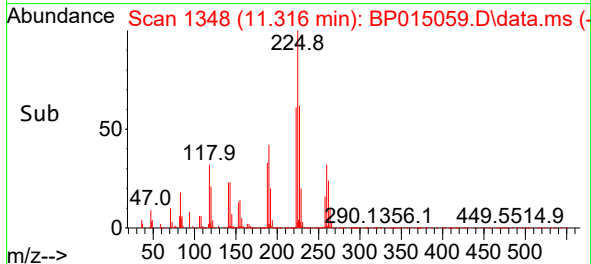
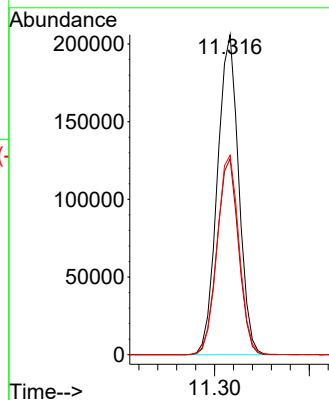
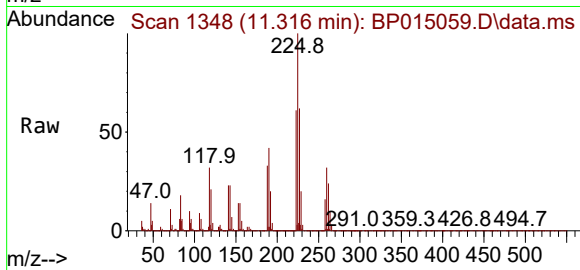
Tgt Ion:225 Resp: 321728

Ion Ratio Lower Upper

225 100

223 61.2 51.0 76.6

227 62.3 52.2 78.4



#34

Caprolactam

Concen: 17.302 ng/ul

RT: 11.916 min Scan# 1450

Delta R.T. 0.006 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

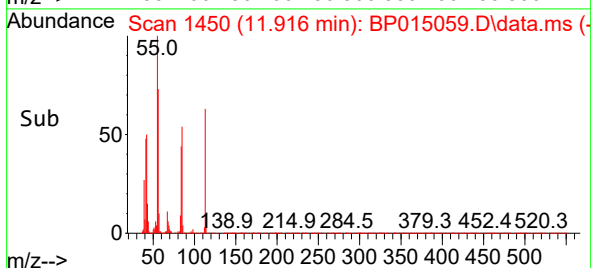
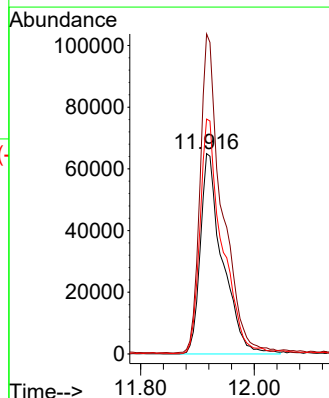
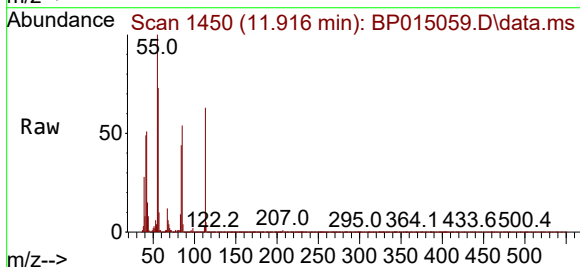
Tgt Ion:113 Resp: 175069

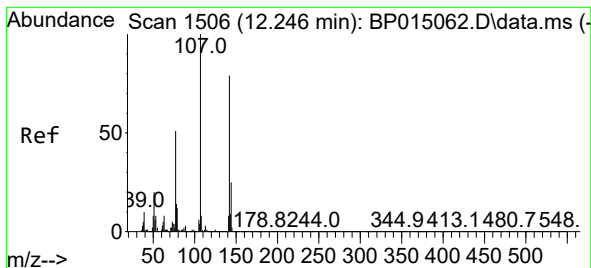
Ion Ratio Lower Upper

113 100

55 159.7 121.2 181.8

56 117.2 90.2 135.4

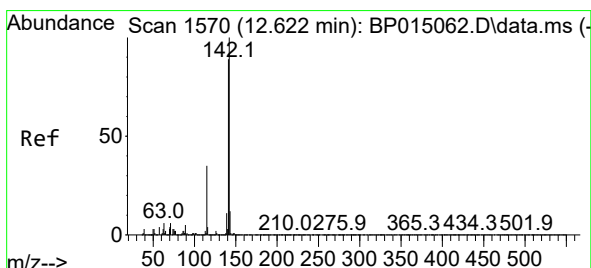
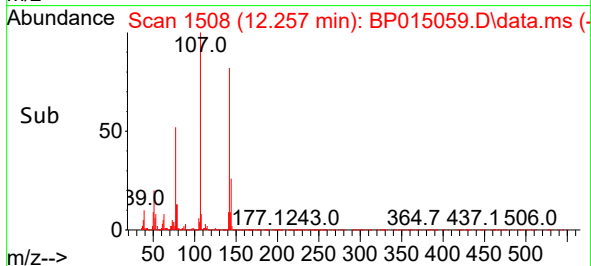
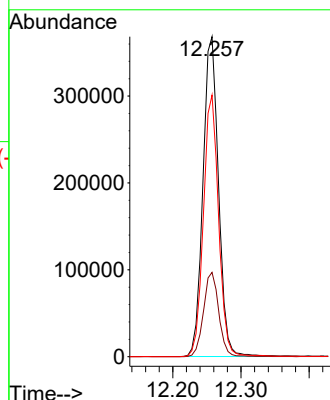
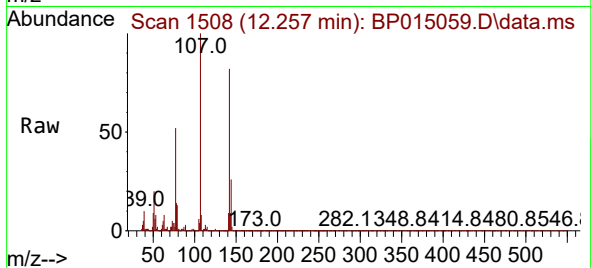




#35
4-Chloro-3-methylphenol
Concen: 19.308 ng/ul
RT: 12.257 min Scan# 1508
Delta R.T. 0.012 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

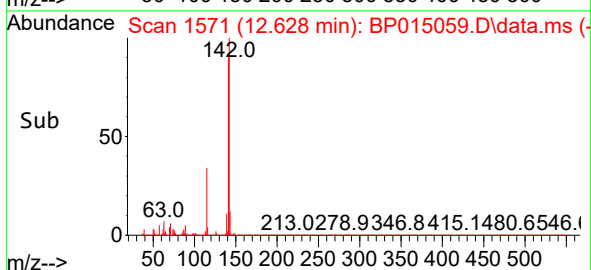
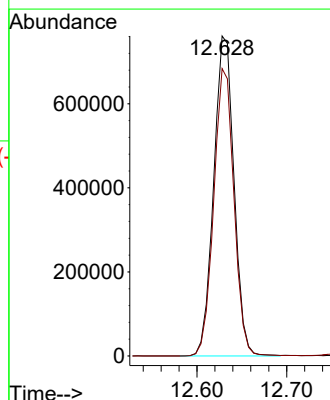
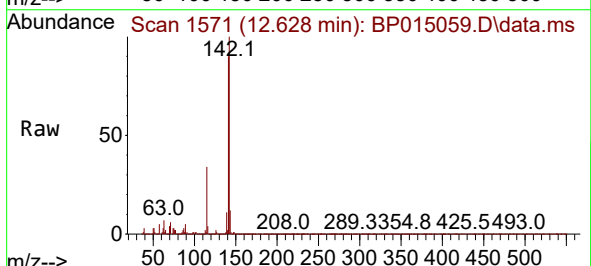
Instrument :
BNA_P
ClientSampleId :
SSTD020708

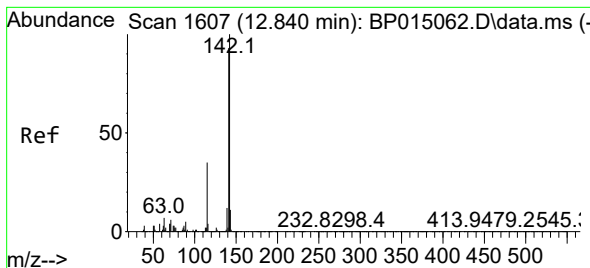
Tgt Ion:107 Resp: 585165
Ion Ratio Lower Upper
107 100
144 26.3 20.3 30.5
142 81.8 63.2 94.8



#36
2-Methylnaphthalene
Concen: 19.380 ng/ul
RT: 12.628 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

Tgt Ion:142 Resp: 1195635
Ion Ratio Lower Upper
142 100
141 89.8 71.0 106.6





#37

1-Methylnaphthalene

Concen: 19.451 ng/ul

RT: 12.846 min Scan# 1607

Delta R.T. 0.006 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Instrument :

BNA_P

ClientSampleId :

SSTD020708

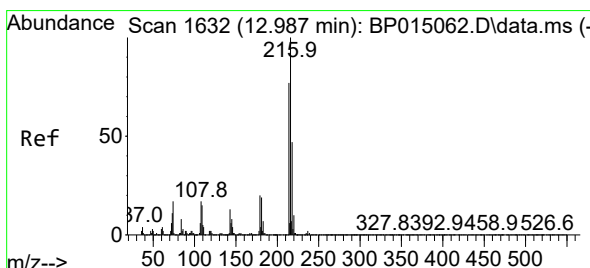
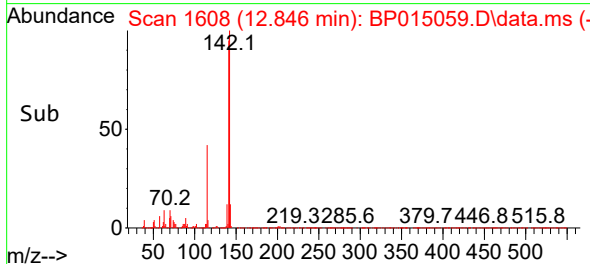
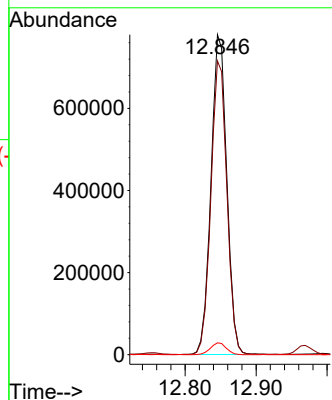
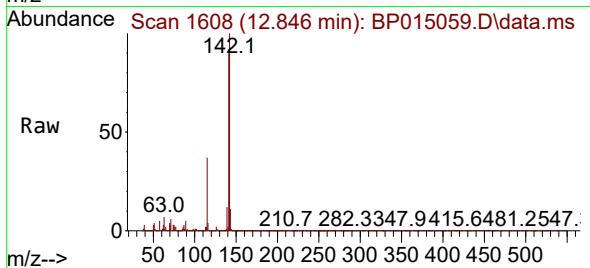
Tgt Ion:142 Resp: 1205082

Ion Ratio Lower Upper

142 100

141 91.8 74.6 112.0

116 3.7 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.785 ng/ul

RT: 12.993 min Scan# 1633

Delta R.T. 0.006 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Tgt Ion:216 Resp: 631544

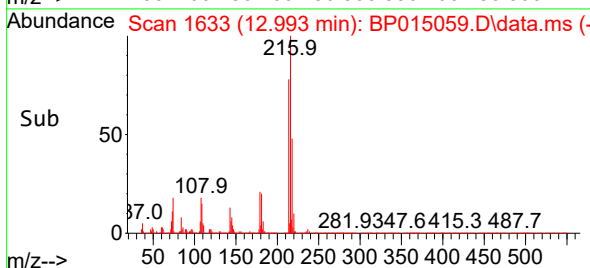
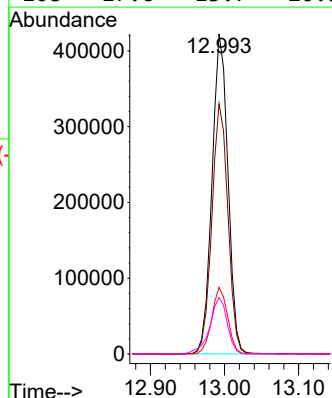
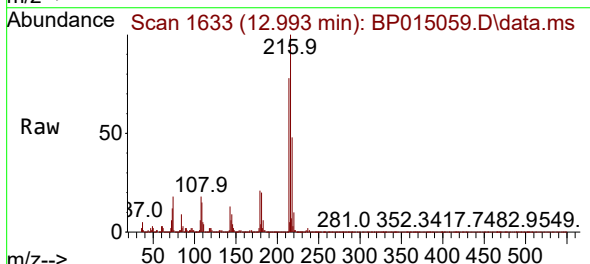
Ion Ratio Lower Upper

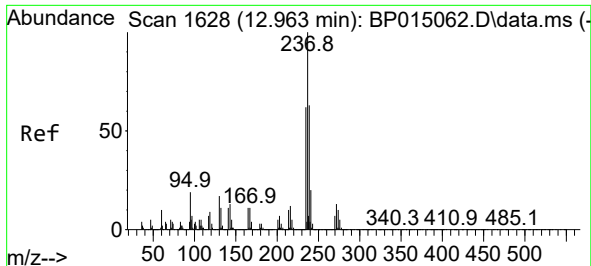
216 100

214 78.2 61.4 92.0

179 20.8 15.9 23.9

108 17.6 13.7 20.5

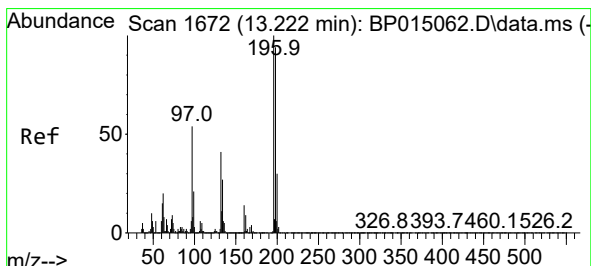
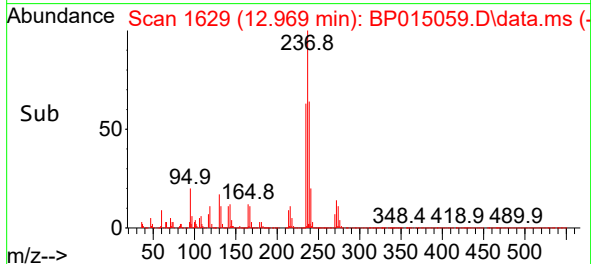
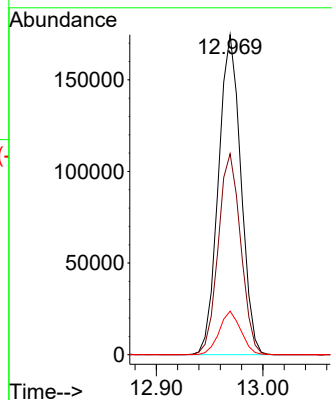
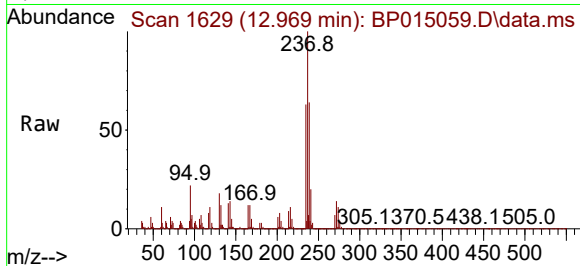




#40
Hexachlorocyclopentadiene
Concen: 12.952 ng/ul
RT: 12.969 min Scan# 1628
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

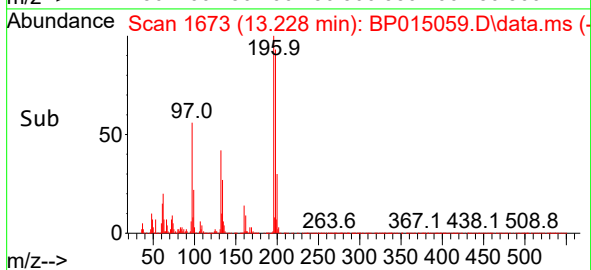
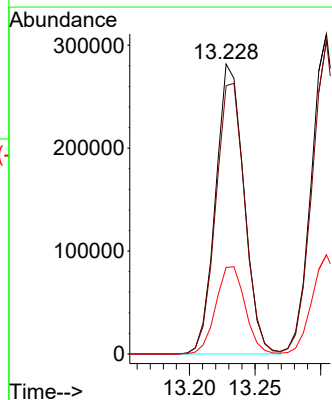
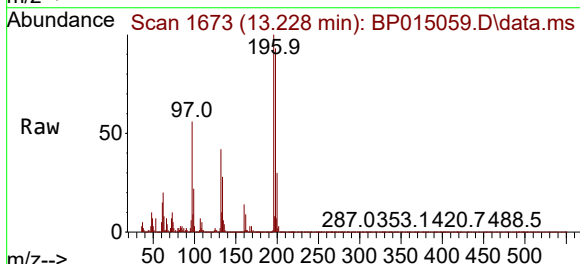
Instrument :
BNA_P
ClientSampleId :
SSTD020708

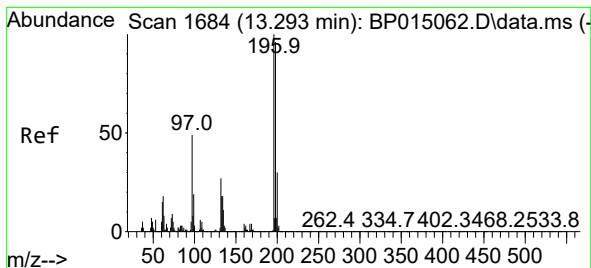
Tgt Ion:237 Resp: 254983
Ion Ratio Lower Upper
237 100
235 62.8 49.4 74.0
272 14.3 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 19.748 ng/ul
RT: 13.228 min Scan# 1673
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

Tgt Ion:196 Resp: 423698
Ion Ratio Lower Upper
196 100
198 92.5 75.5 113.3
200 29.9 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 19.918 ng/ul

RT: 13.304 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Instrument :

BNA_P

ClientSampleId :

SSTD020708

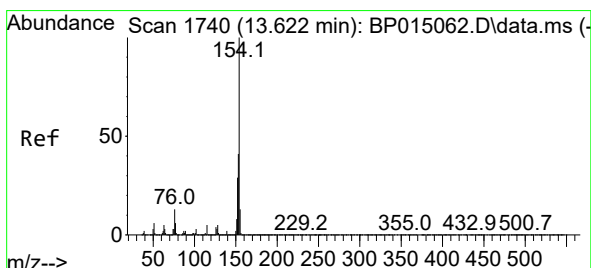
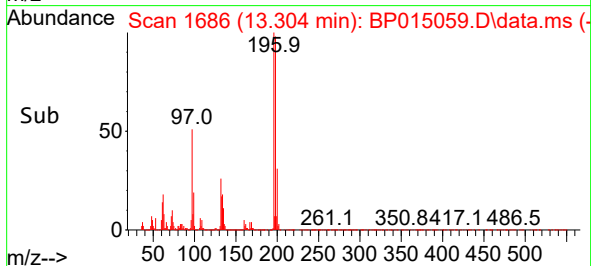
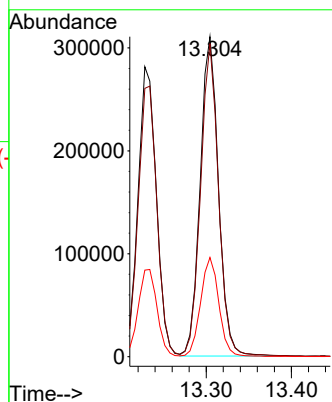
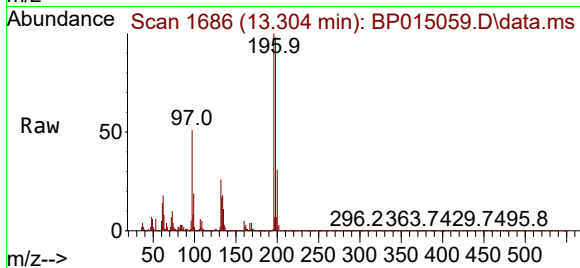
Tgt Ion:196 Resp: 463357

Ion Ratio Lower Upper

196 100

198 97.8 77.0 115.4

200 31.0 24.3 36.5



#43

1,1'-Biphenyl

Concen: 20.442 ng/ul

RT: 13.628 min Scan# 1741

Delta R.T. 0.006 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

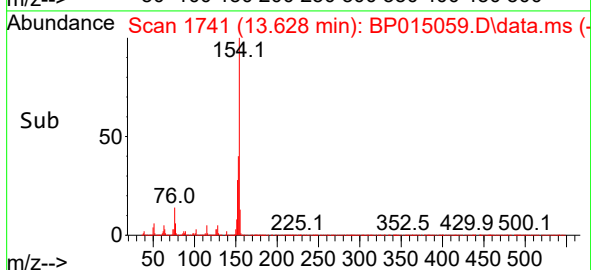
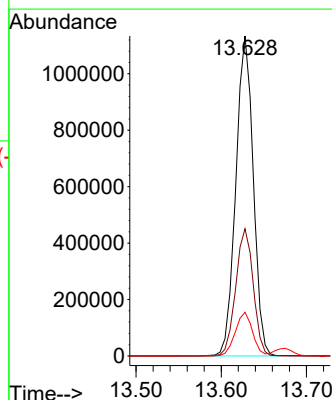
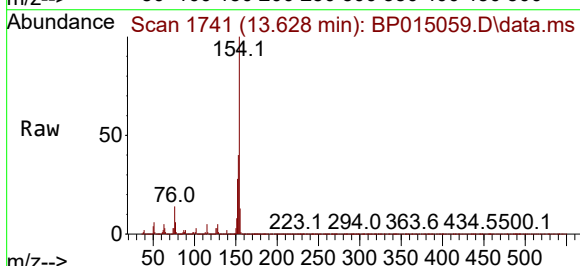
Tgt Ion:154 Resp: 1611313

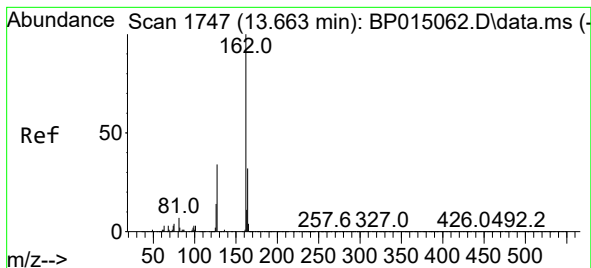
Ion Ratio Lower Upper

154 100

153 39.8 32.7 49.1

76 13.7 10.7 16.1





#44

2-Chloronaphthalene

Concen: 20.439 ng/ul

RT: 13.675 min Scan# 1749

Delta R.T. 0.012 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Instrument :

BNA_P

ClientSampleId :

SSTD020708

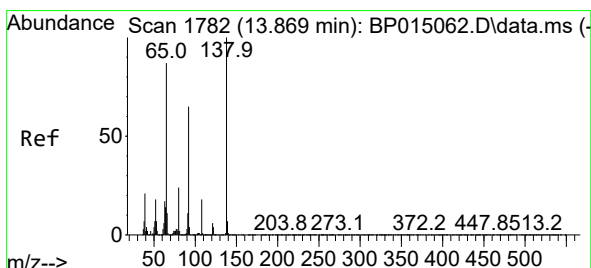
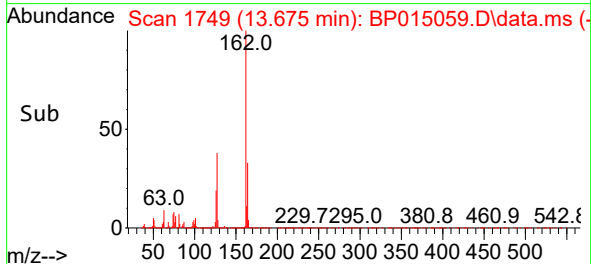
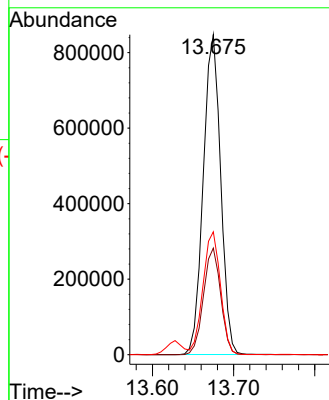
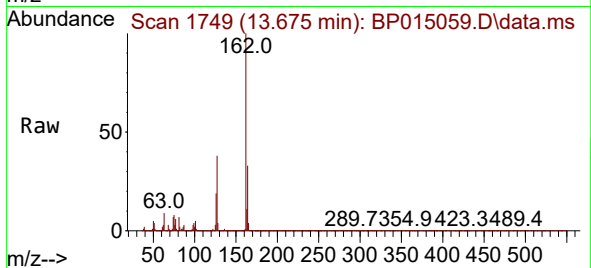
Tgt Ion:162 Resp: 1258185

Ion Ratio Lower Upper

162 100

164 33.3 25.9 38.9

127 38.4 30.8 46.2



#45

2-Nitroaniline

Concen: 20.008 ng/ul

RT: 13.875 min Scan# 1783

Delta R.T. 0.006 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

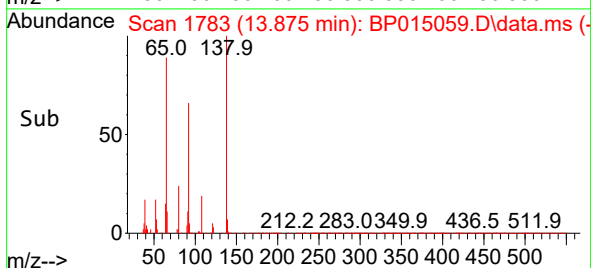
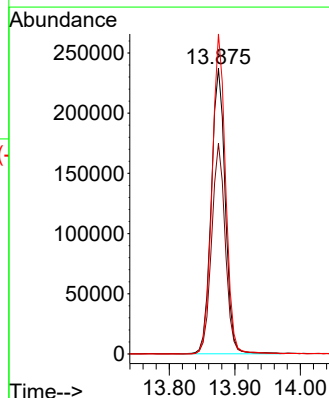
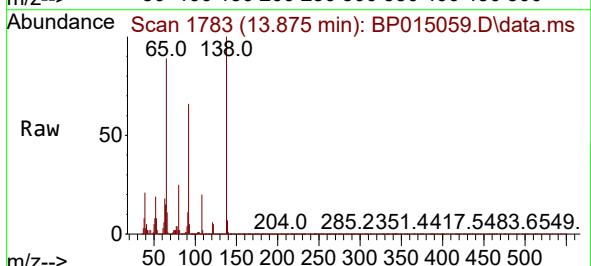
Tgt Ion: 65 Resp: 352406

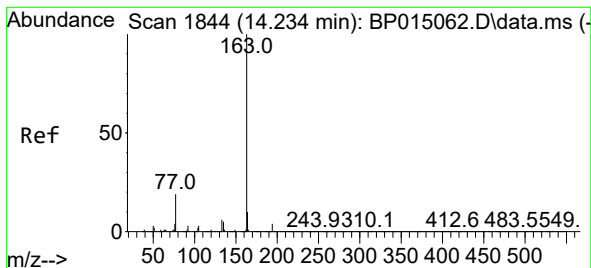
Ion Ratio Lower Upper

65 100

92 73.7 59.8 89.8

138 112.1 92.3 138.5





#47

Dimethylphthalate

Concen: 19.354 ng/ul

RT: 14.240 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Instrument :

BNA_P

ClientSampleId :

SSTD020708

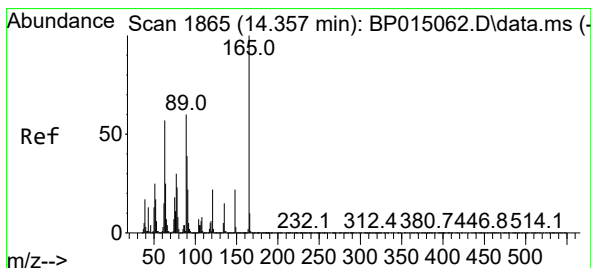
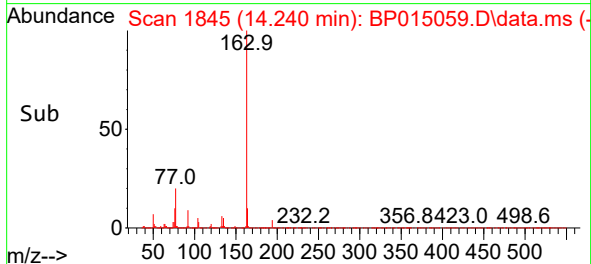
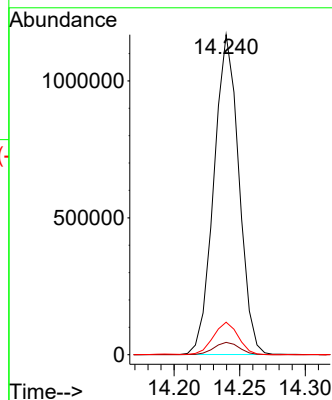
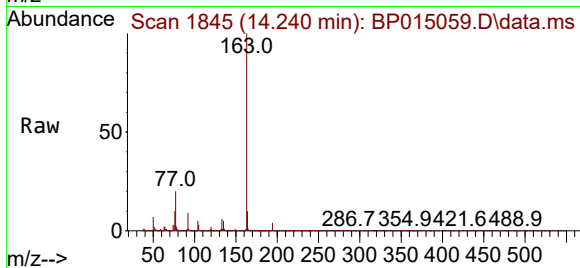
Tgt Ion:163 Resp: 1547394

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 19.644 ng/ul

RT: 14.369 min Scan# 1867

Delta R.T. 0.012 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

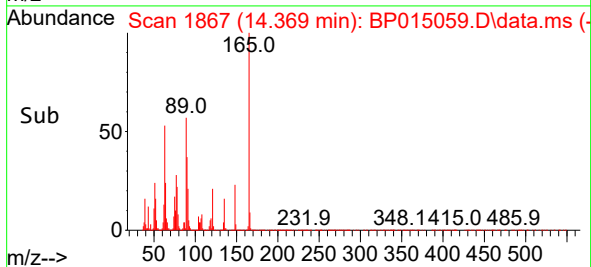
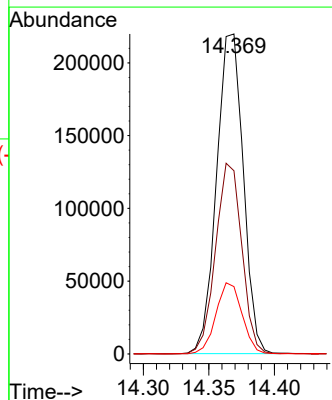
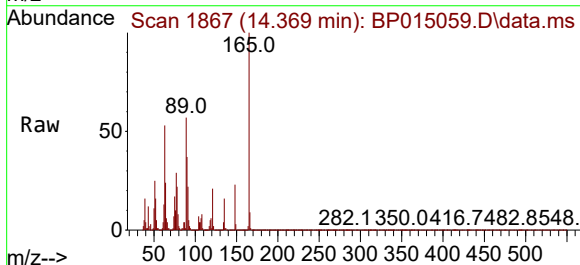
Tgt Ion:165 Resp: 311148

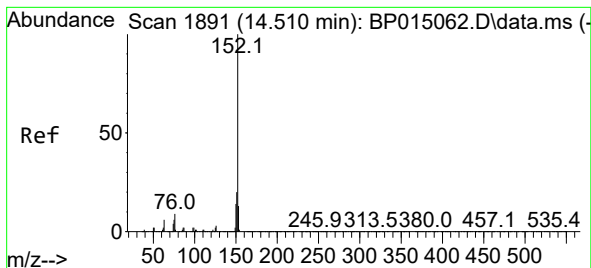
Ion Ratio Lower Upper

165 100

89 57.3 48.0 72.0

121 21.1 17.5 26.3





#50

Acenaphthylene

Concen: 20.151 ng/ul

RT: 14.516 min Scan# 1891

Delta R.T. 0.006 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Instrument :

BNA_P

ClientSampleId :

SSTD020708

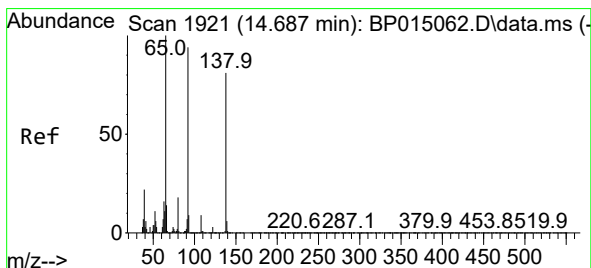
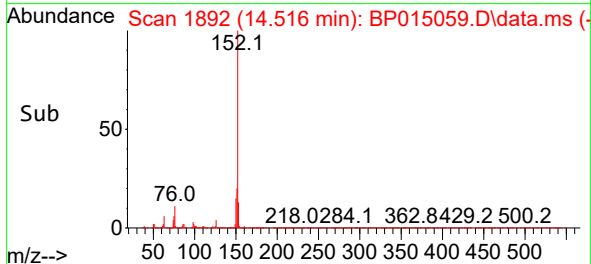
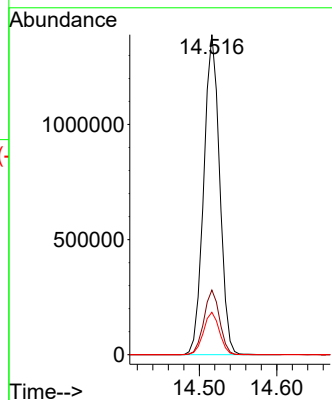
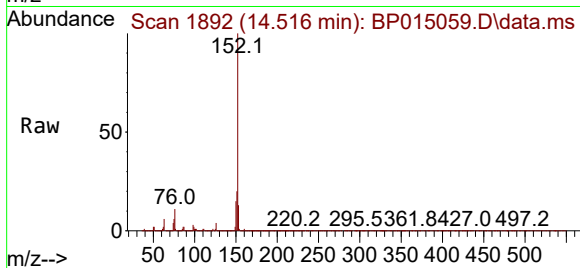
Tgt Ion:152 Resp: 1974160

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

153 13.3 10.3 15.5



#51

3-Nitroaniline

Concen: 19.711 ng/ul

RT: 14.693 min Scan# 1922

Delta R.T. 0.006 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

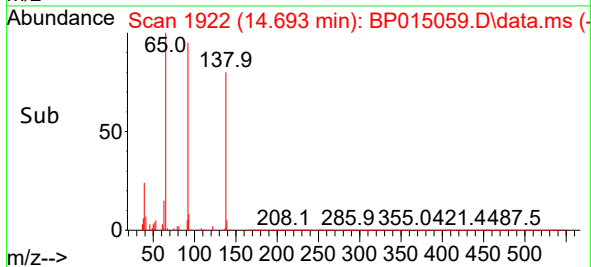
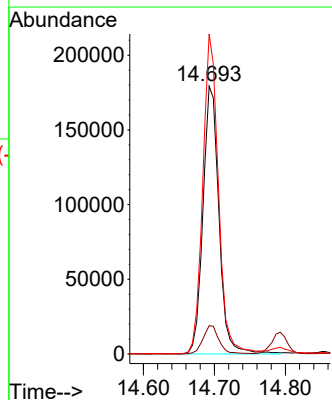
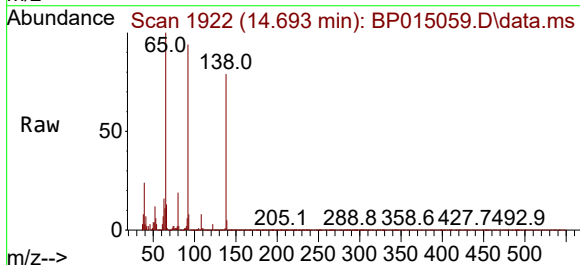
Tgt Ion:138 Resp: 281129

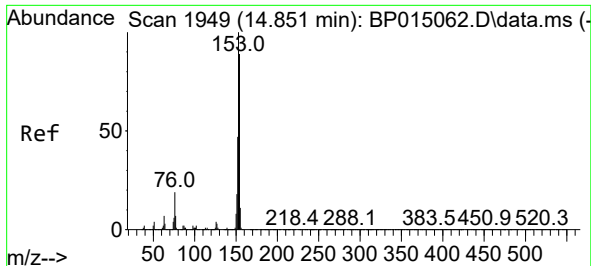
Ion Ratio Lower Upper

138 100

108 10.6 8.8 13.2

92 119.5 93.4 140.0

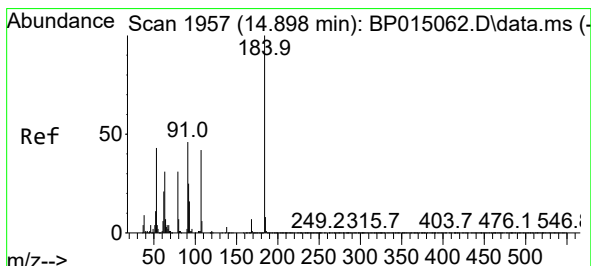
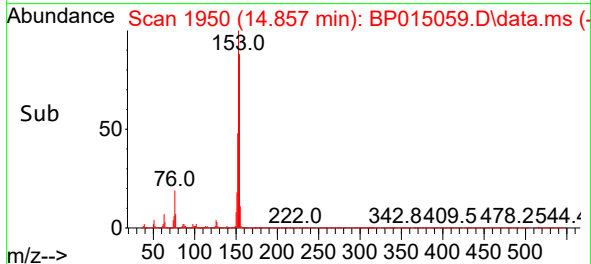
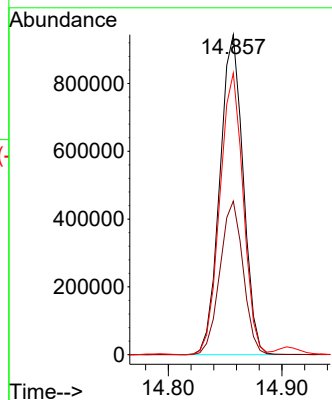
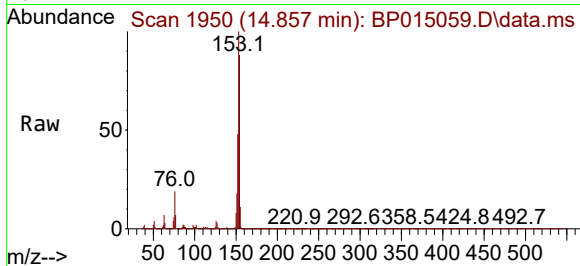




#52
Acenaphthene
Concen: 20.146 ng/ul
RT: 14.857 min Scan# 1950
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

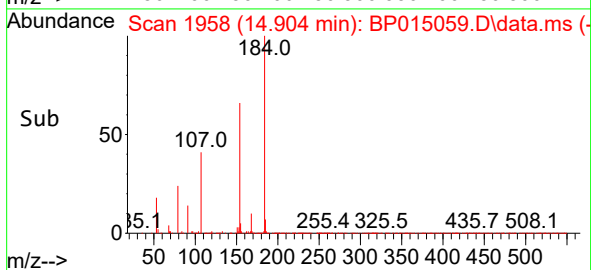
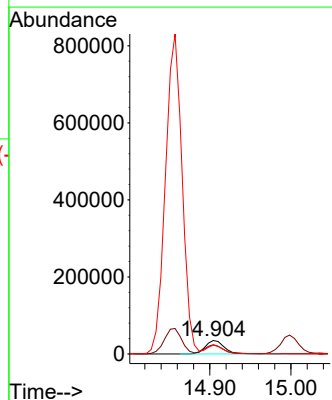
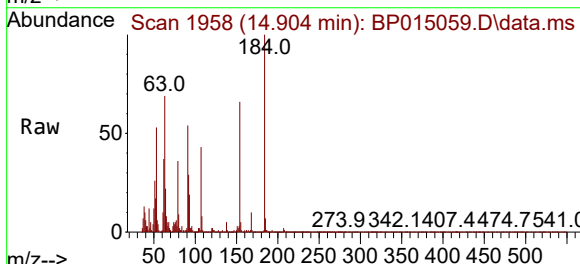
Instrument :
BNA_P
ClientSampleId :
SSTD020708

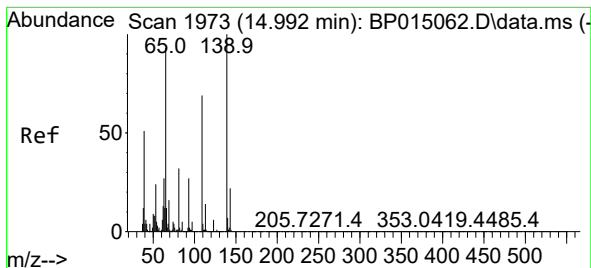
Tgt Ion:153 Resp: 1347952
Ion Ratio Lower Upper
153 100
152 48.0 38.0 57.0
154 88.0 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 5.430 ng/ul
RT: 14.904 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

Tgt Ion:184 Resp: 57106
Ion Ratio Lower Upper
184 100
63 69.0 49.7 74.5
154 66.2 47.5 71.3

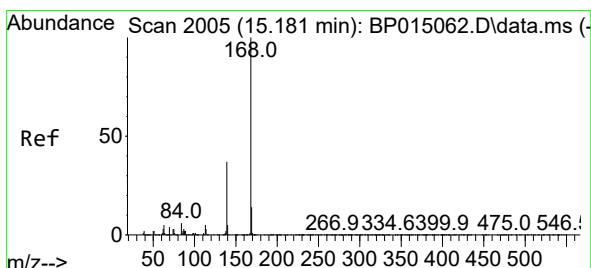
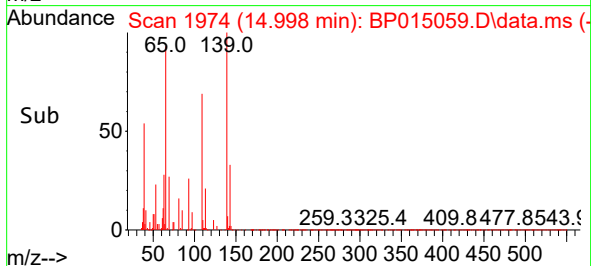
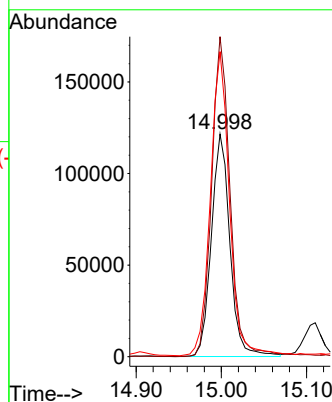
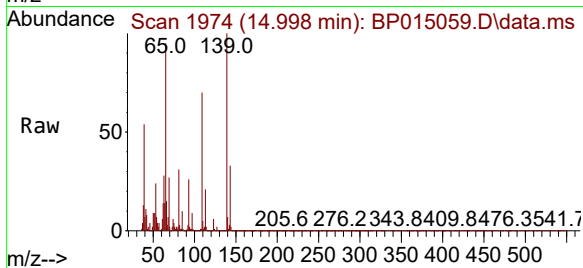




#55
4-Nitrophenol
Concen: 16.751 ng/ul
RT: 14.998 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

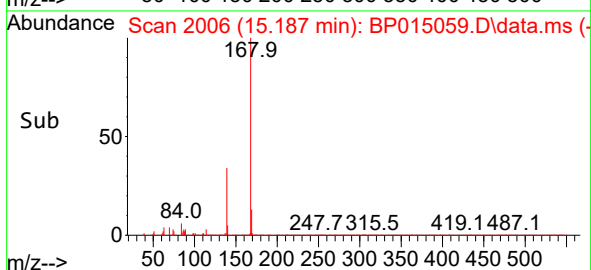
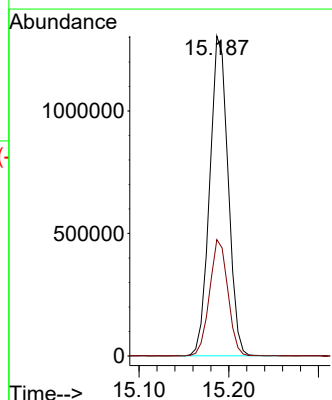
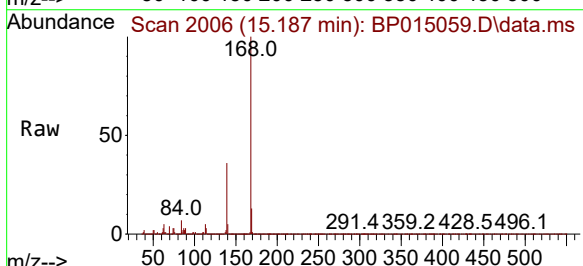
Instrument :
BNA_P
ClientSampleId :
SSTD020708

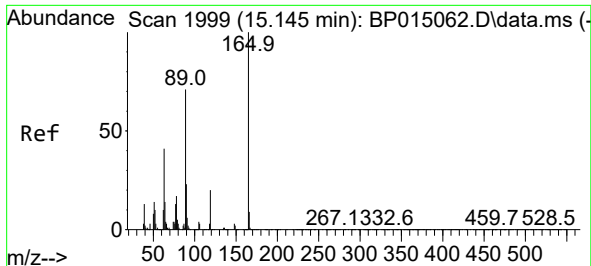
Tgt Ion:109 Resp: 183662
Ion Ratio Lower Upper
109 100
139 143.8 115.3 172.9
65 137.1 107.9 161.9



#56
Dibenzofuran
Concen: 19.911 ng/ul
RT: 15.187 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

Tgt Ion:168 Resp: 1853030
Ion Ratio Lower Upper
168 100
139 36.3 29.4 44.0

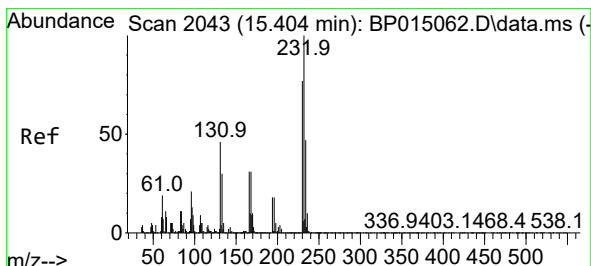
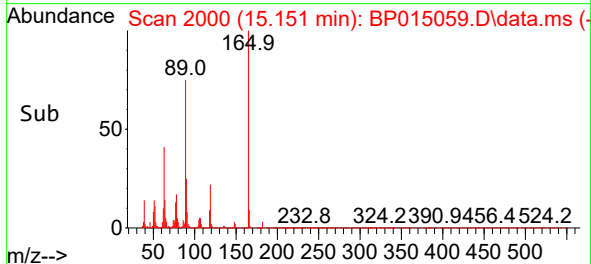
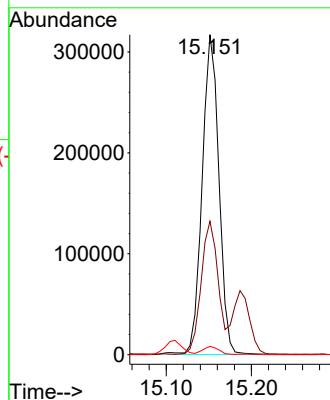
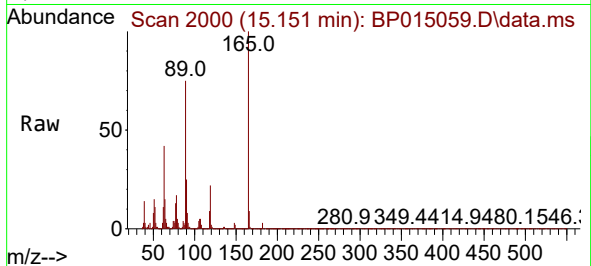




#57
2,4-Dinitrotoluene
Concen: 18.800 ng/ul
RT: 15.151 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

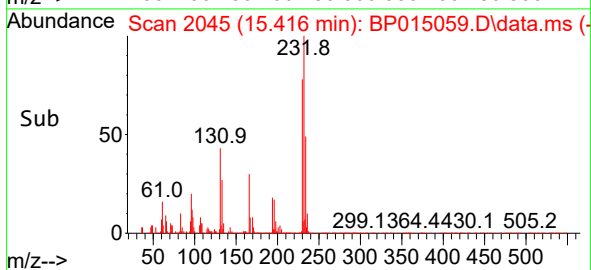
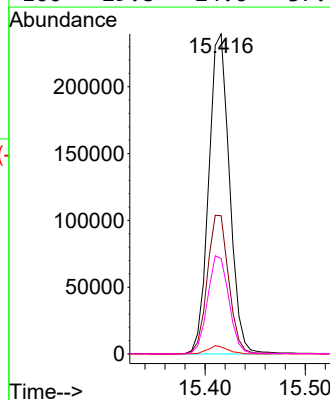
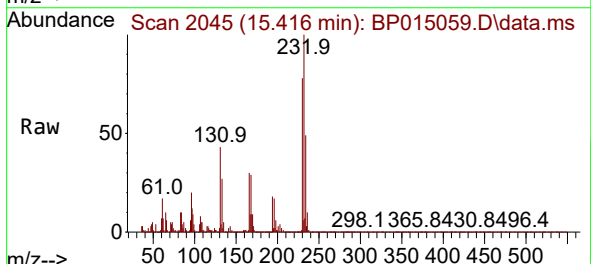
Instrument :
BNA_P
ClientSampleId :
SSTD020708

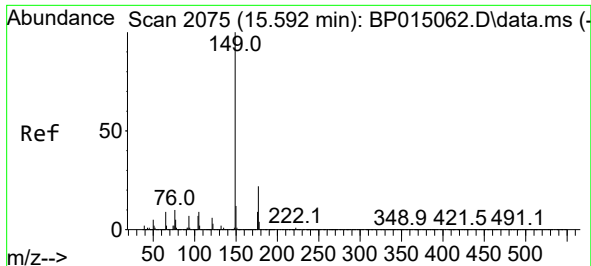
Tgt Ion:165 Resp: 430906
Ion Ratio Lower Upper
165 100
63 41.7 33.1 49.7
182 2.6 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 17.602 ng/ul
RT: 15.416 min Scan# 2045
Delta R.T. 0.012 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

Tgt Ion:232 Resp: 345586
Ion Ratio Lower Upper
232 100
131 43.2 36.8 55.2
130 2.2 1.9 2.9
166 29.8 24.6 37.0

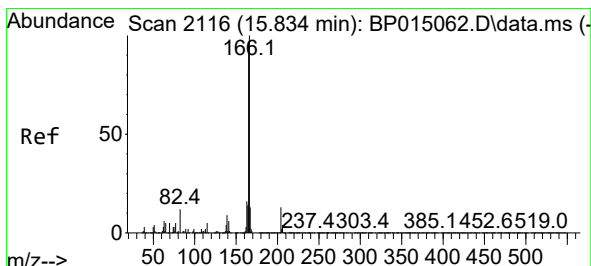
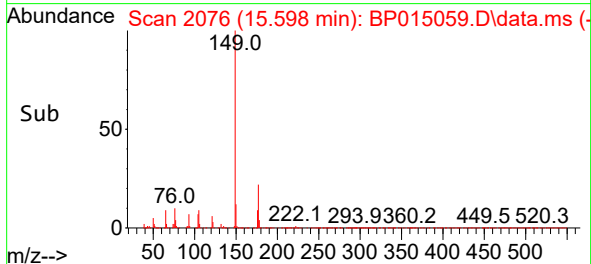
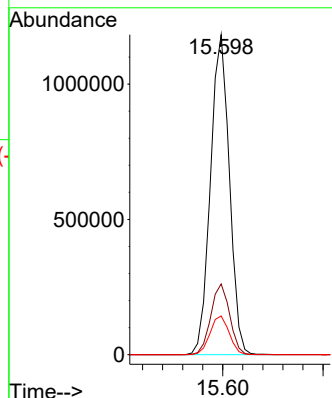
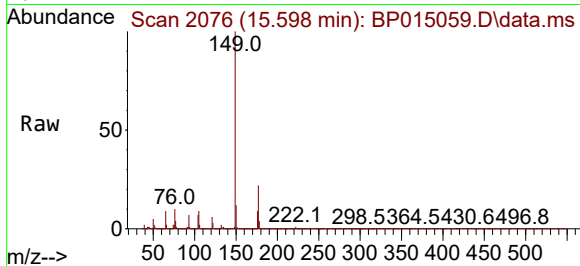




#59
Diethylphthalate
Concen: 19.389 ng/ul
RT: 15.598 min Scan# 2075
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

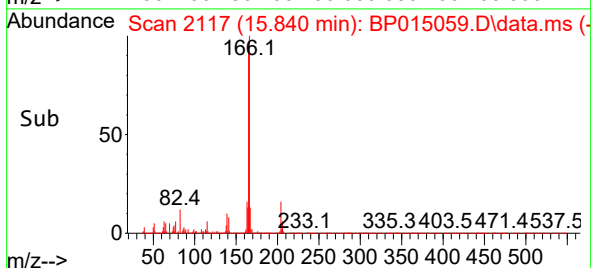
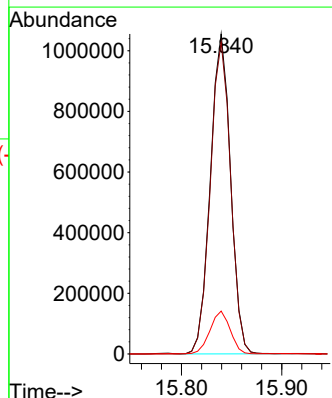
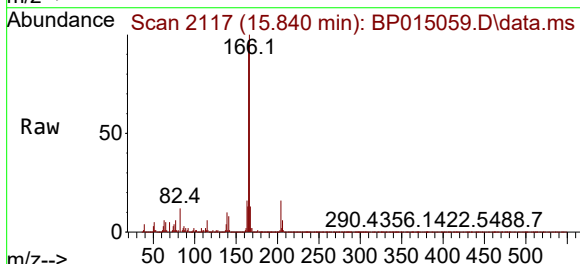
Instrument :
BNA_P
ClientSampleId :
SSTD020708

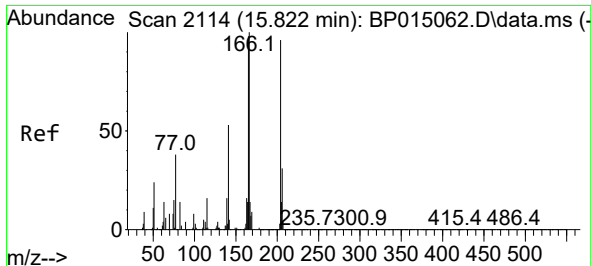
Tgt Ion:149 Resp: 1546064
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.1 9.8 14.8



#61
Fluorene
Concen: 19.764 ng/ul
RT: 15.840 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

Tgt Ion:166 Resp: 1478158
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.6
167 13.4 10.6 15.8

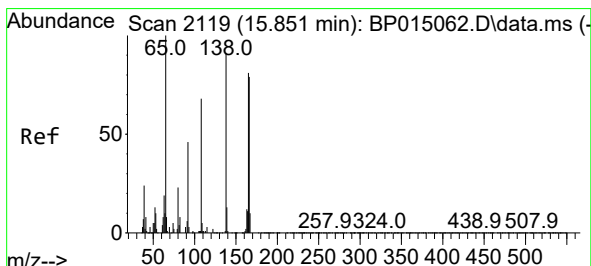
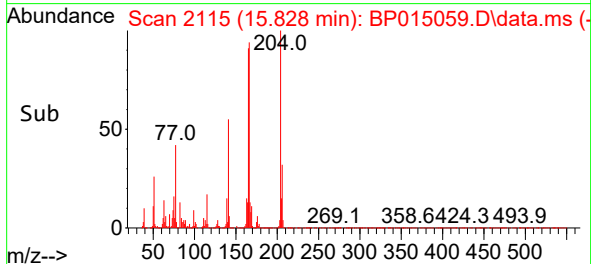
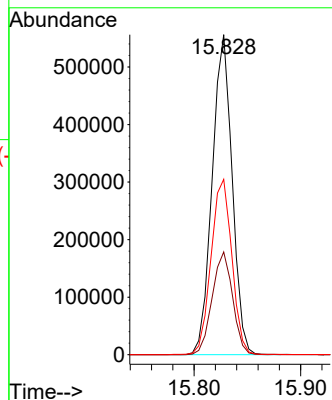
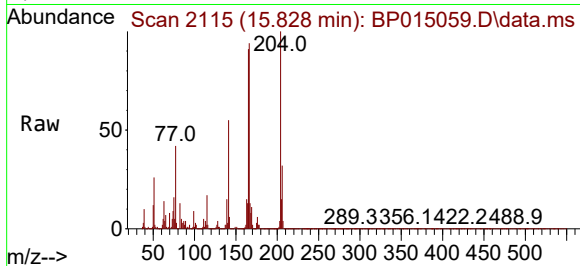




#62
4-Chlorophenyl-phenylether
Concen: 19.828 ng/ul
RT: 15.828 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

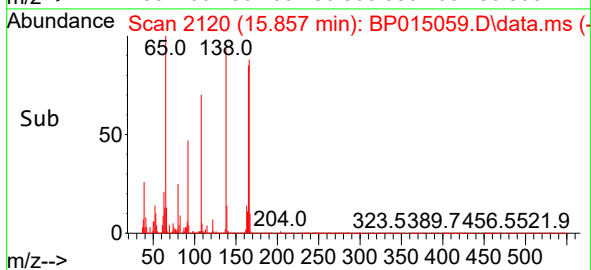
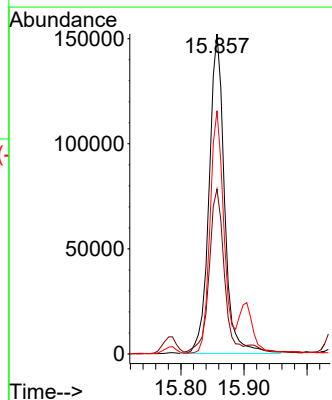
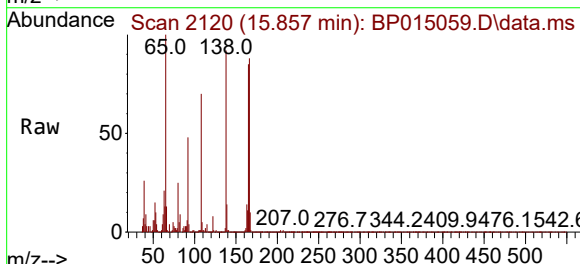
Instrument :
BNA_P
ClientSampleId :
SSTD020708

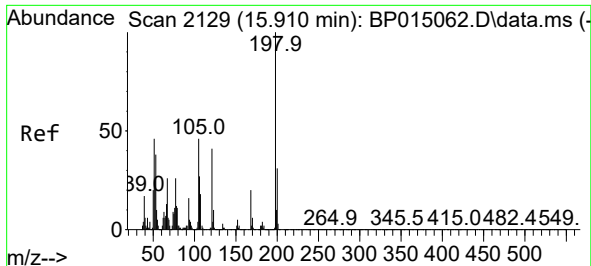
Tgt Ion:204 Resp: 724579
Ion Ratio Lower Upper
204 100
206 32.1 26.1 39.1
141 54.8 44.5 66.7



#63
4-Nitroaniline
Concen: 20.914 ng/ul
RT: 15.857 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

Tgt Ion:138 Resp: 257584
Ion Ratio Lower Upper
138 100
92 51.5 41.2 61.8
108 76.0 60.1 90.1

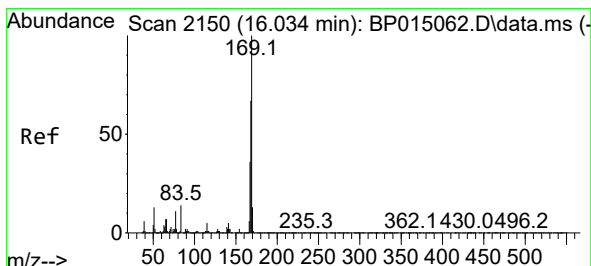
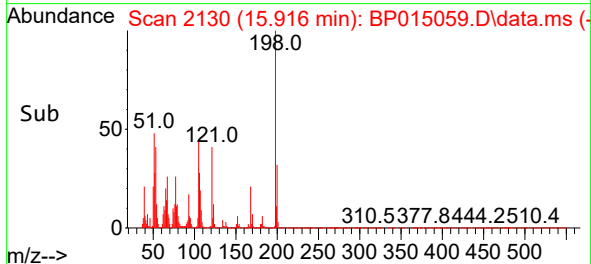
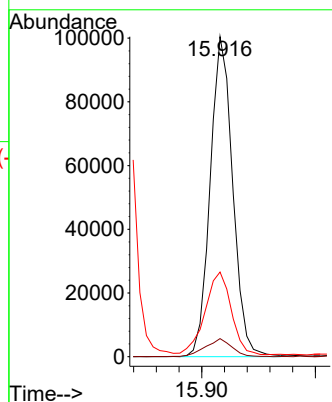
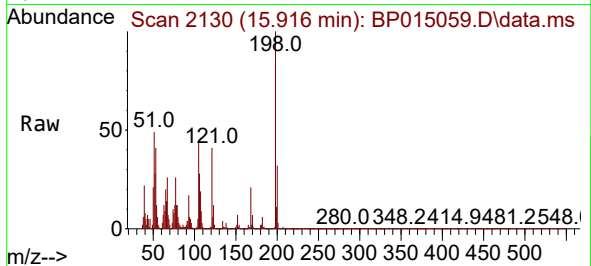




#66
4,6-Dinitro-2-methylphenol
Concen: 10.558 ng/ul
RT: 15.916 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

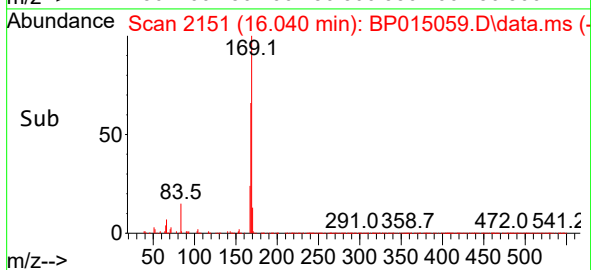
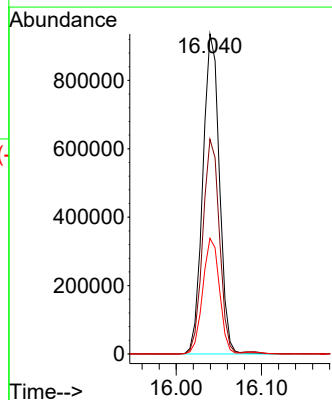
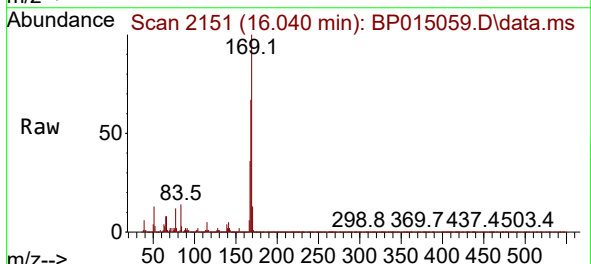
Instrument :
BNA_P
ClientSampleId :
SSTD020708

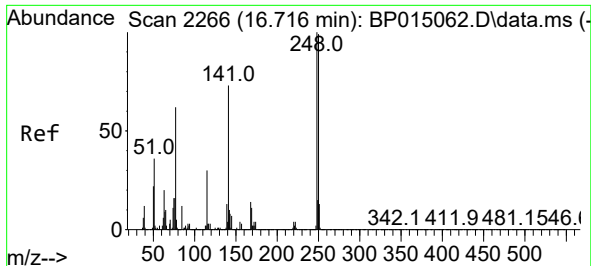
Tgt Ion:198 Resp: 138389
Ion Ratio Lower Upper
198 100
182 5.6 3.7 5.5#
77 26.4 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 21.346 ng/ul
RT: 16.040 min Scan# 2151
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

Tgt Ion:169 Resp: 1264949
Ion Ratio Lower Upper
169 100
168 67.1 53.5 80.3
167 36.2 28.9 43.3

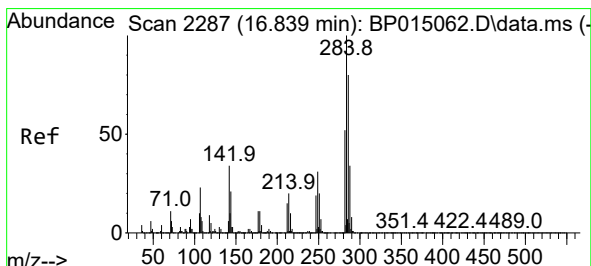
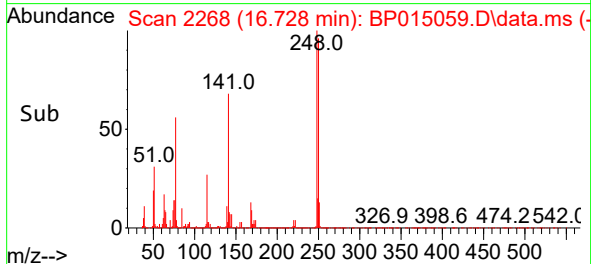
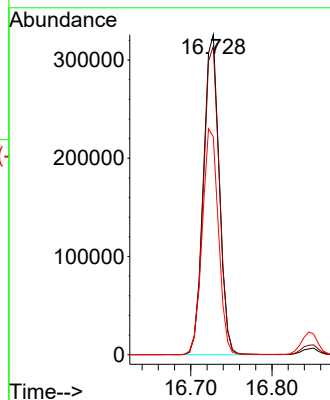
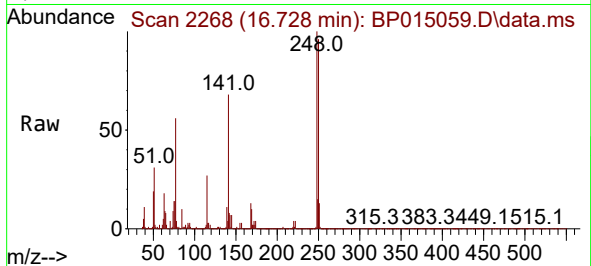




#68
4-Bromophenyl-phenylether
Concen: 21.332 ng/ul
RT: 16.728 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

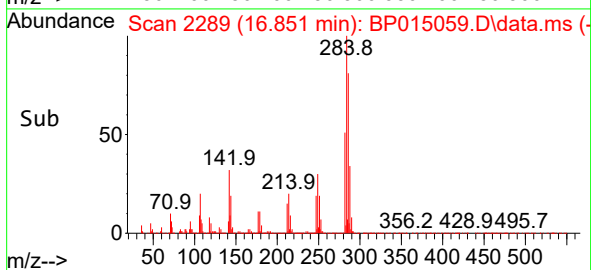
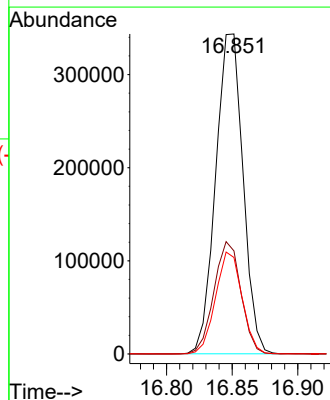
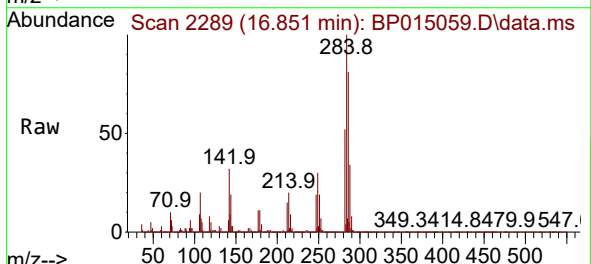
Instrument :
BNA_P
ClientSampleId :
SSTD020708

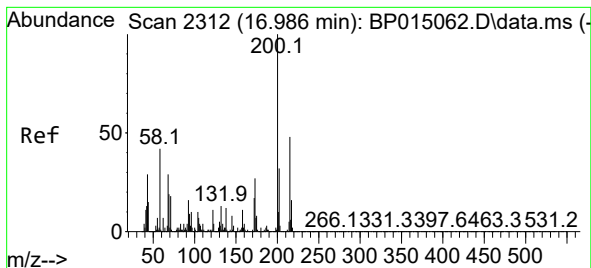
Tgt Ion:248 Resp: 442815
Ion Ratio Lower Upper
248 100
250 96.4 79.0 118.4
141 68.0 58.6 87.8



#69
Hexachlorobenzene
Concen: 20.327 ng/ul
RT: 16.851 min Scan# 2289
Delta R.T. 0.012 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

Tgt Ion:284 Resp: 498630
Ion Ratio Lower Upper
284 100
142 32.2 27.3 40.9
249 30.2 24.6 36.8





#70

Atrazine

Concen: 20.283 ng/ul

RT: 16.992 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Instrument :

BNA_P

ClientSampleId :

SSTD020708

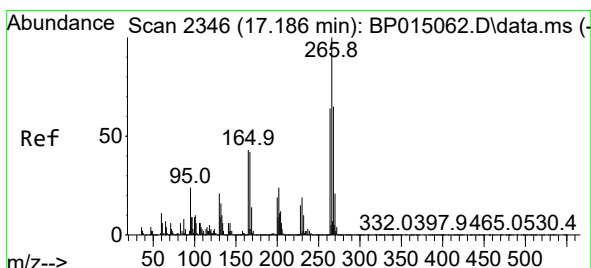
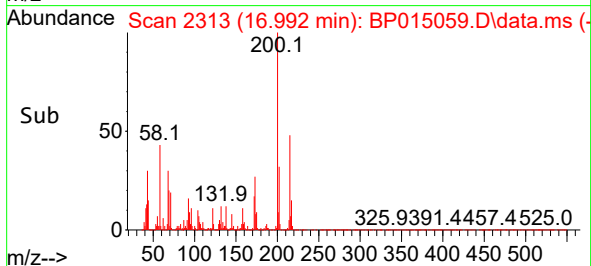
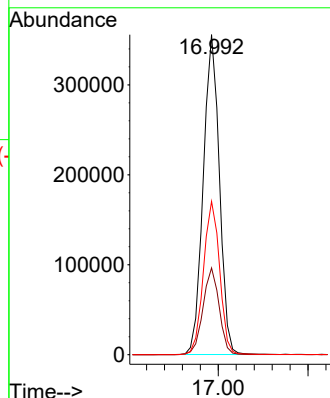
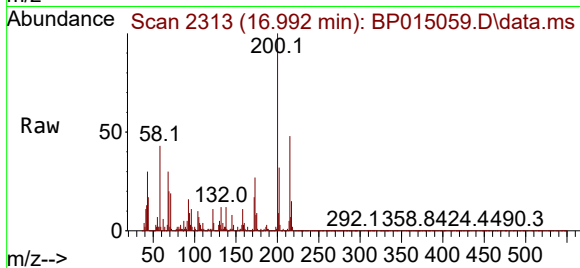
Tgt Ion:200 Resp: 444259

Ion Ratio Lower Upper

200 100

173 27.1 21.4 32.2

215 47.9 38.1 57.1



#71

Pentachlorophenol

Concen: 14.603 ng/ul

RT: 17.192 min Scan# 2347

Delta R.T. 0.006 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

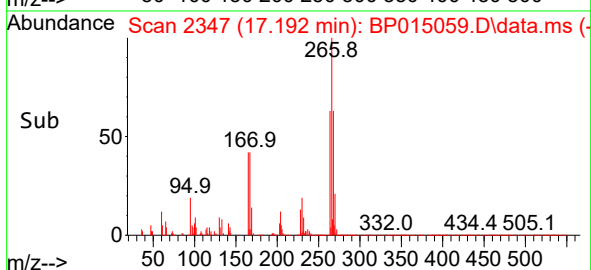
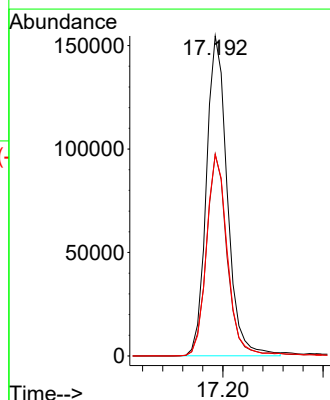
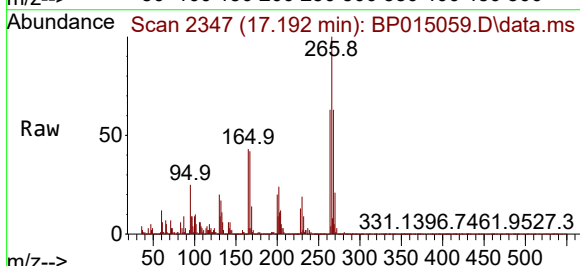
Tgt Ion:266 Resp: 224076

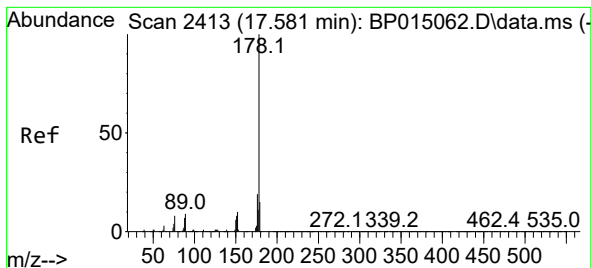
Ion Ratio Lower Upper

266 100

264 63.1 51.0 76.4

268 62.9 51.8 77.6





#72

Phenanthrene

Concen: 19.913 ng/ul

RT: 17.592 min Scan# 2415

Delta R.T. 0.012 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Instrument :

BNA_P

ClientSampleId :

SSTD020708

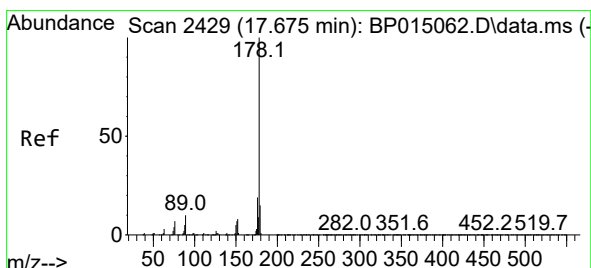
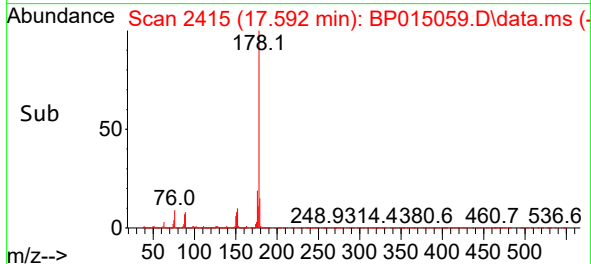
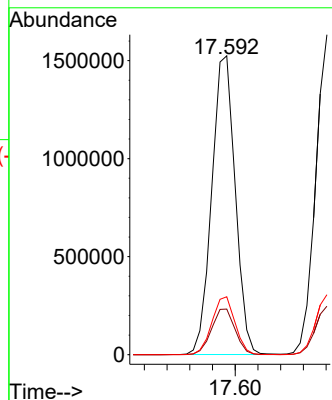
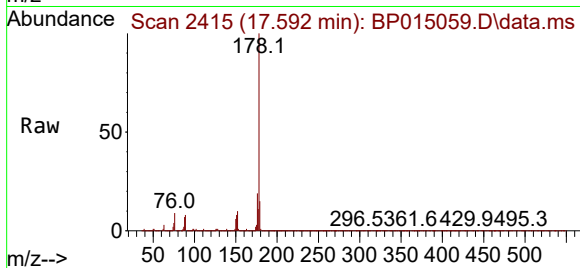
Tgt Ion:178 Resp: 2185290

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.4 15.6 23.4



#74

Anthracene

Concen: 20.079 ng/ul

RT: 17.681 min Scan# 2430

Delta R.T. 0.006 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

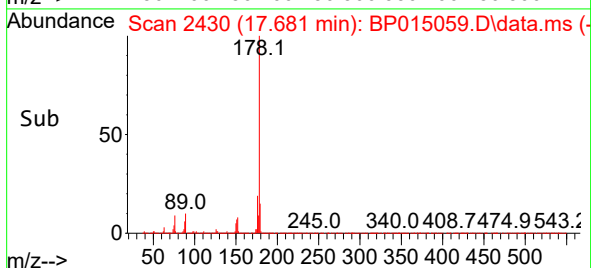
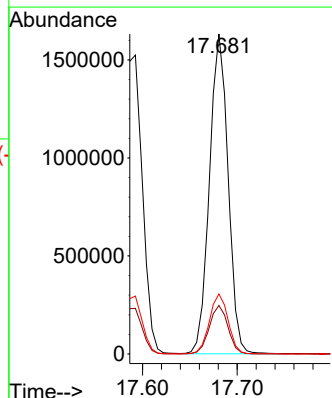
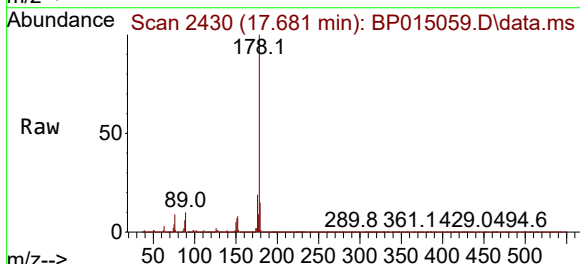
Tgt Ion:178 Resp: 2228197

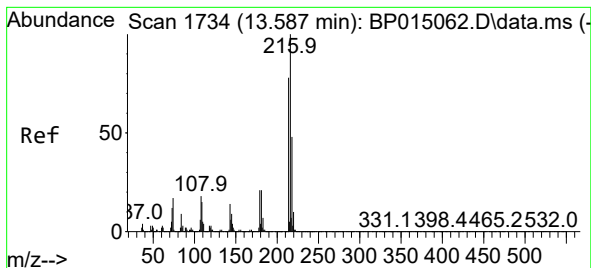
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 18.8 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 22.436 ng/uL

RT: 13.599 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Instrument :

BNA_P

ClientSampleId :

SSTD020708

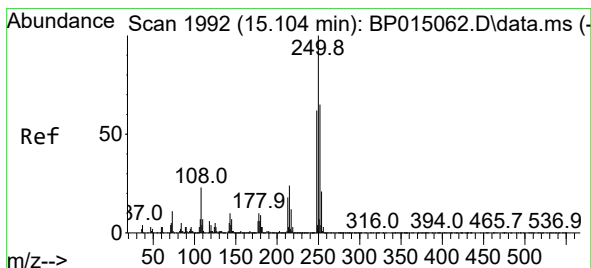
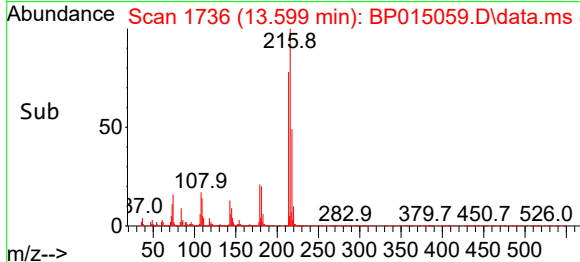
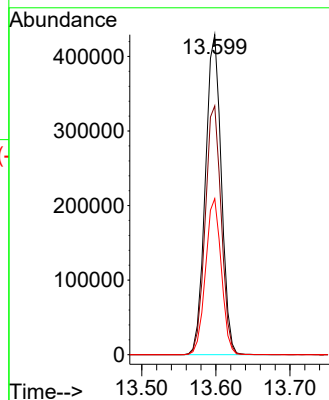
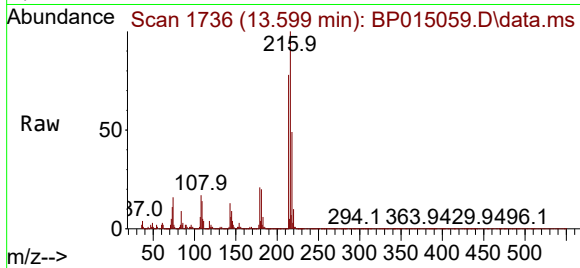
Tgt Ion:216 Resp: 641105

Ion Ratio Lower Upper

216 100

214 77.8 62.2 93.4

218 48.8 38.2 57.2



#76

Pentachlorobenzene

Concen: 21.883 ng/uL

RT: 15.110 min Scan# 1993

Delta R.T. 0.006 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

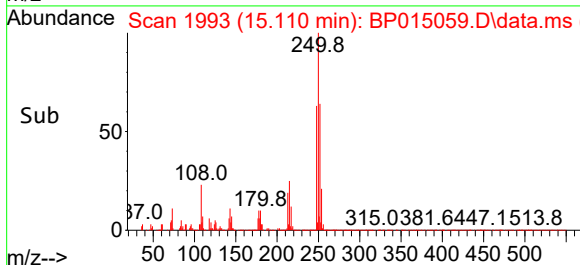
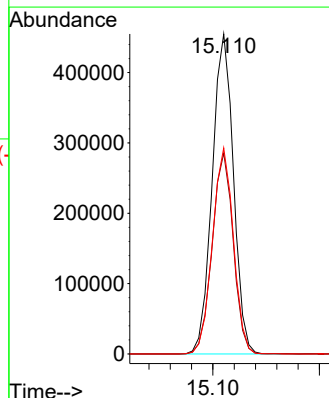
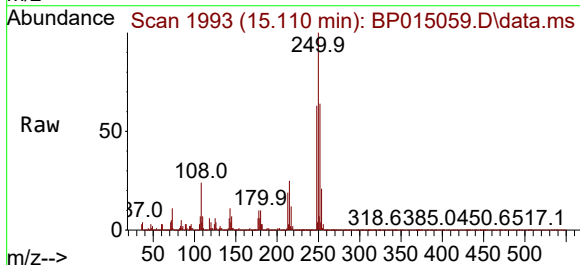
Tgt Ion:250 Resp: 627832

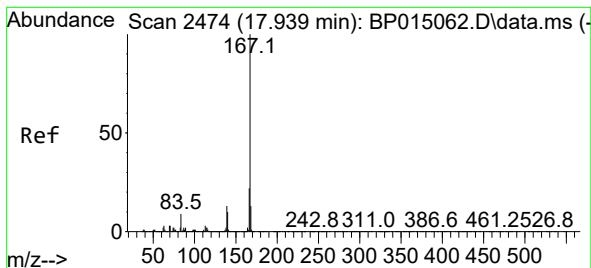
Ion Ratio Lower Upper

250 100

248 62.8 49.8 74.6

252 64.4 51.6 77.4





#77

Carbazole

Concen: 19.407 ng/ul

RT: 17.945 min Scan# 2474

Delta R.T. 0.006 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Instrument :

BNA_P

ClientSampleId :

SSTD020708

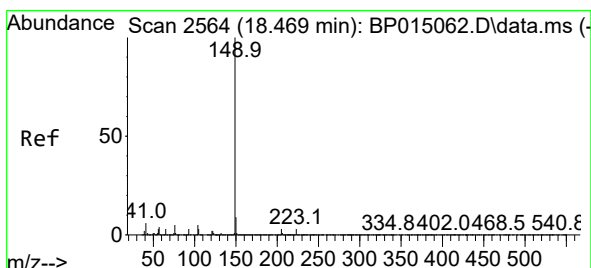
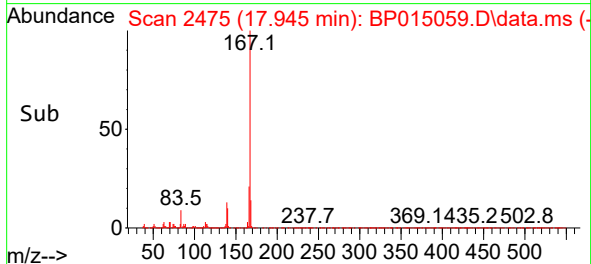
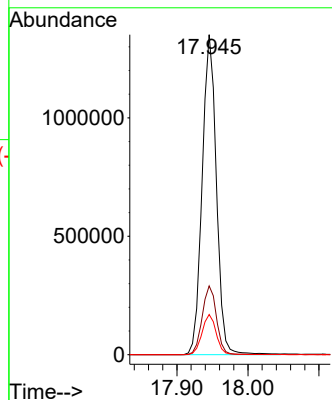
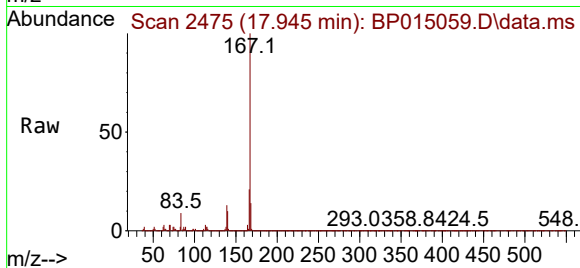
Tgt Ion:167 Resp: 1888530

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.2

139 12.6 10.2 15.4



#78

Di-n-butylphthalate

Concen: 20.045 ng/ul

RT: 18.475 min Scan# 2565

Delta R.T. 0.006 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

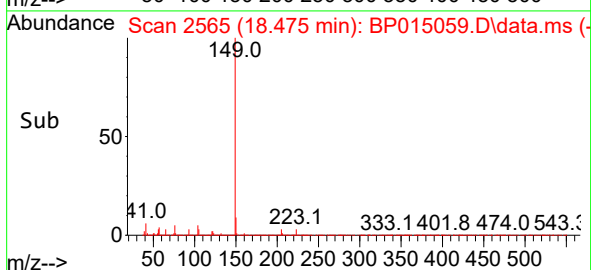
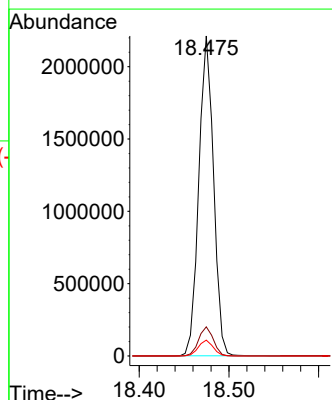
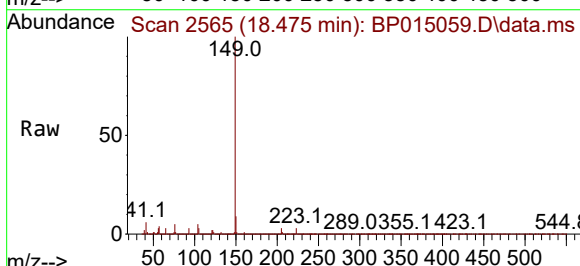
Tgt Ion:149 Resp: 2511967

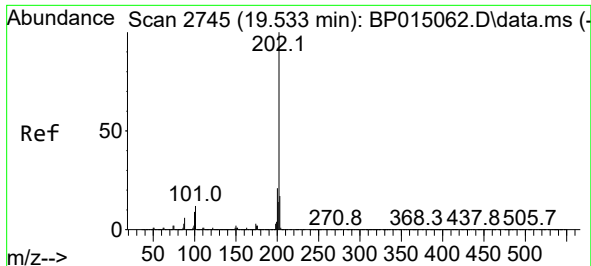
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.0 3.9 5.9

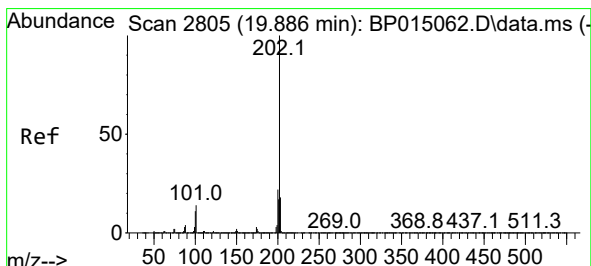
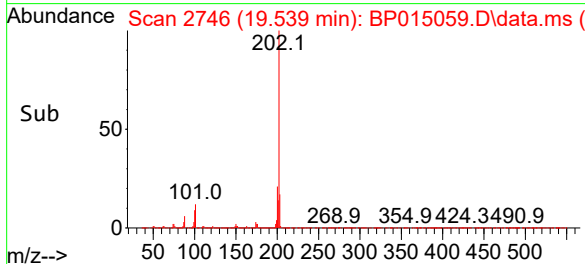
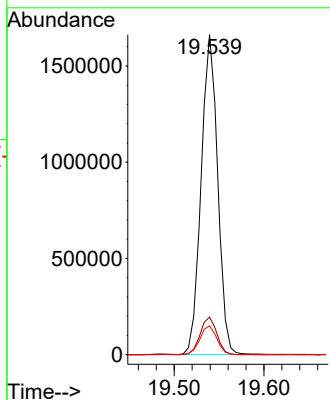
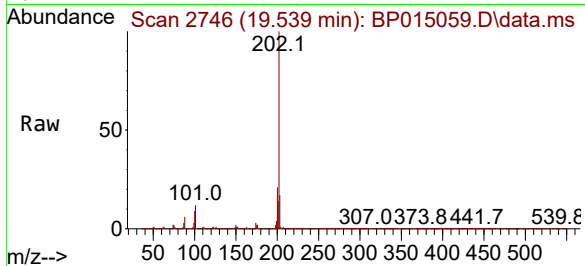




#80
Fluoranthene
Concen: 25.229 ng/ul
RT: 19.539 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

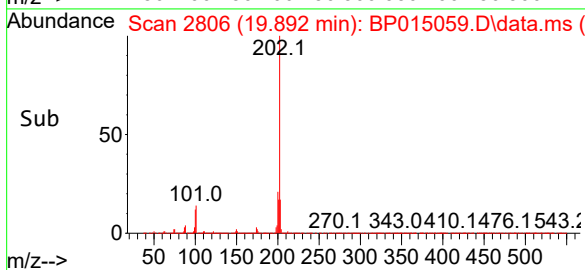
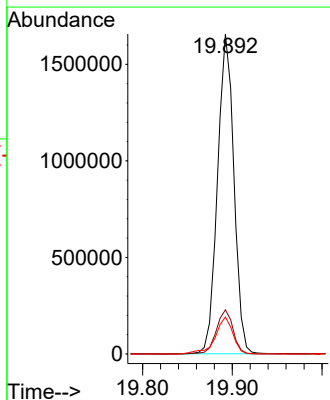
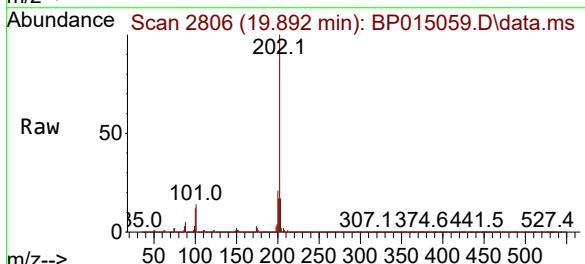
Instrument :
BNA_P
ClientSampleId :
SSTD020708

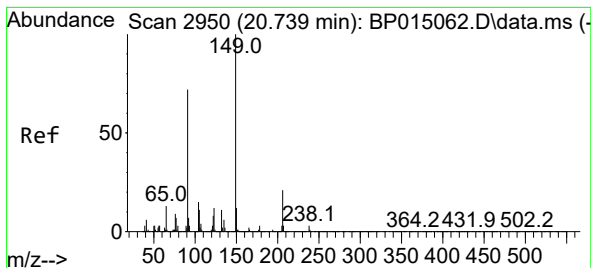
Tgt Ion:202 Resp: 2125267
Ion Ratio Lower Upper
202 100
101 11.7 9.5 14.3
100 9.0 7.3 10.9



#82
Pyrene
Concen: 24.173 ng/ul
RT: 19.892 min Scan# 2806
Delta R.T. 0.006 min
Lab File: BP015059.D
Acq: 11 May 2023 10:10

Tgt Ion:202 Resp: 2102823
Ion Ratio Lower Upper
202 100
101 13.8 11.2 16.8
100 11.6 9.0 13.6





#83

Butylbenzylphthalate

Concen: 23.247 ng/ul

RT: 20.745 min Scan# 2950

Delta R.T. 0.006 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Instrument :

BNA_P

ClientSampleId :

SSTD020708

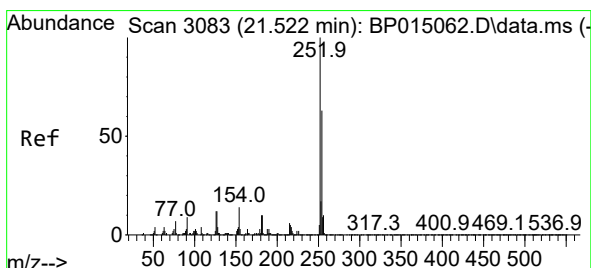
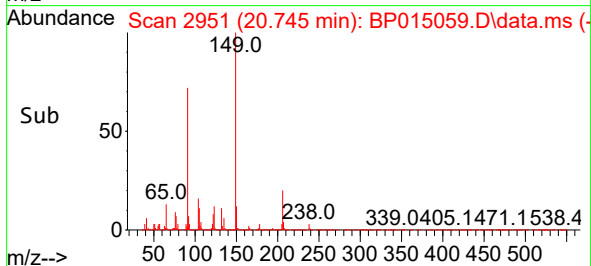
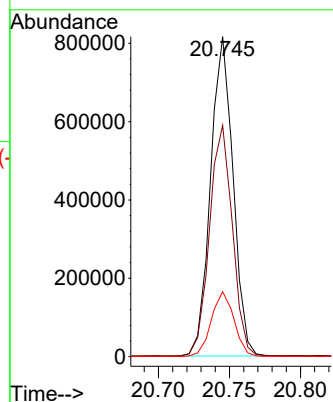
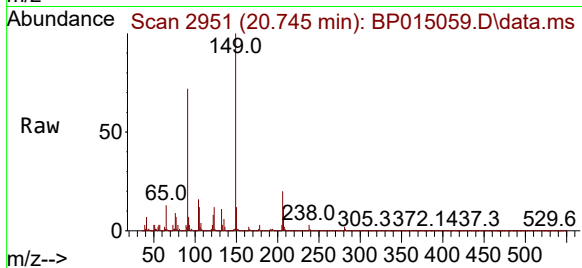
Tgt Ion:149 Resp: 896500

Ion Ratio Lower Upper

149 100

91 72.3 57.4 86.2

206 20.3 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 14.046 ng/ul

RT: 21.533 min Scan# 3085

Delta R.T. 0.012 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

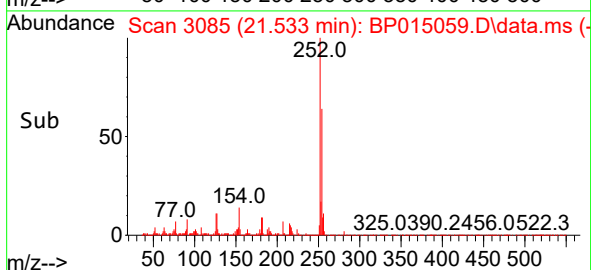
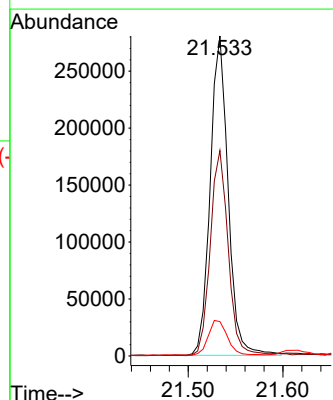
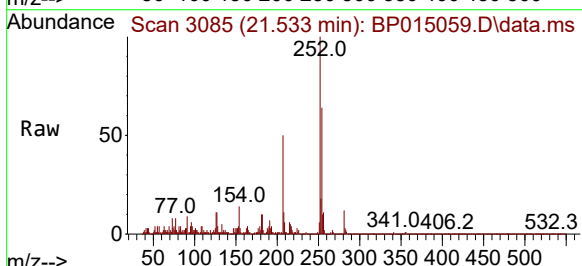
Tgt Ion:252 Resp: 367604

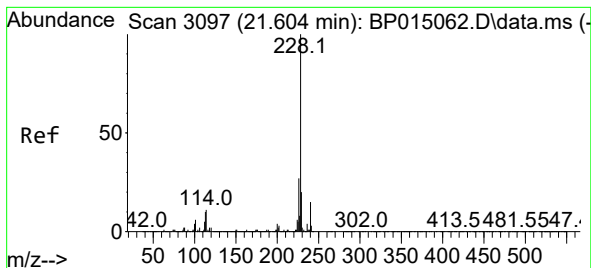
Ion Ratio Lower Upper

252 100

254 64.2 50.8 76.2

126 10.8 9.8 14.8





#85

Benzo(a)anthracene

Concen: 19.795 ng/ul

RT: 21.610 min Scan# 3097

Delta R.T. 0.006 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Instrument :

BNA_P

ClientSampleId :

SSTD020708

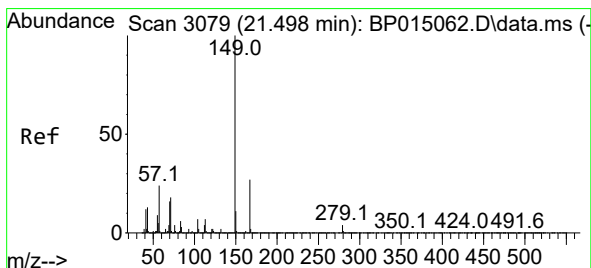
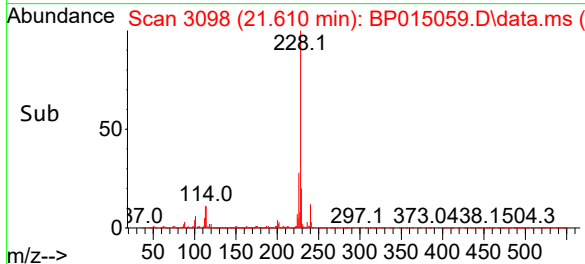
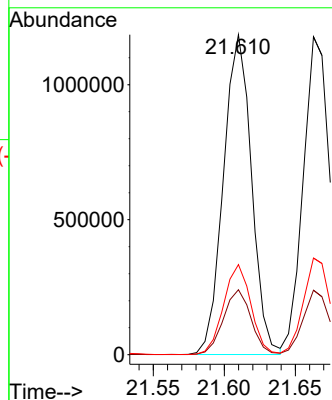
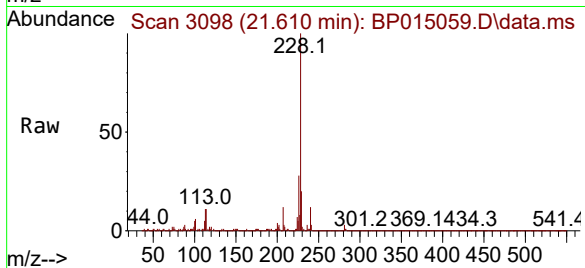
Tgt Ion:228 Resp: 1630991

Ion Ratio Lower Upper

228 100

229 20.3 16.1 24.1

226 28.2 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.661 ng/ul

RT: 21.504 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

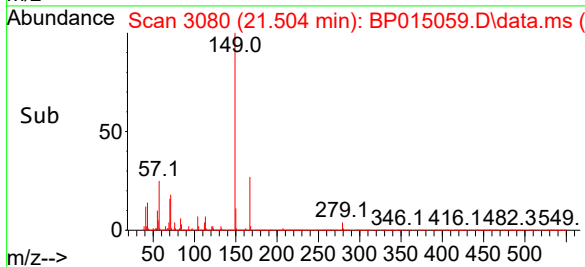
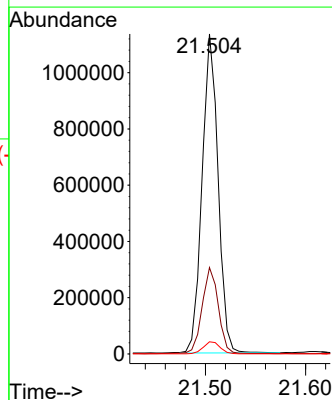
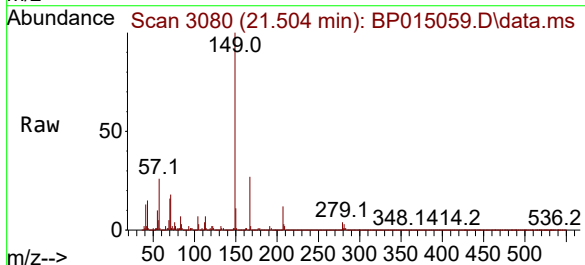
Tgt Ion:149 Resp: 1258128

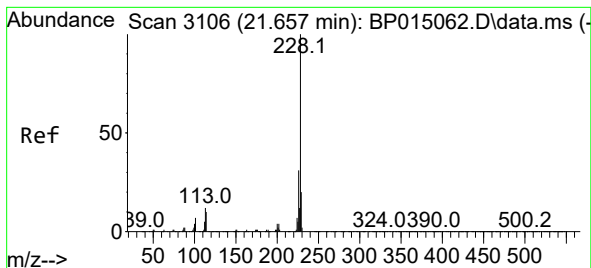
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.6

279 3.8 3.2 4.8





#87

Chrysene

Concen: 19.713 ng/ul

RT: 21.663 min Scan# 3106

Delta R.T. 0.006 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Instrument :

BNA_P

ClientSampleId :

SSTD020708

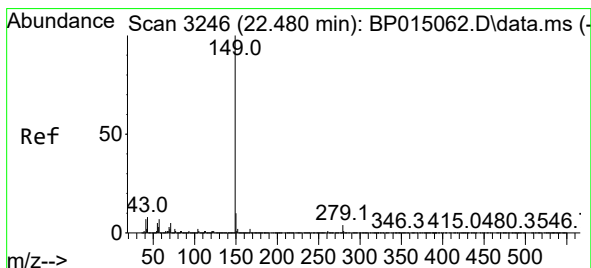
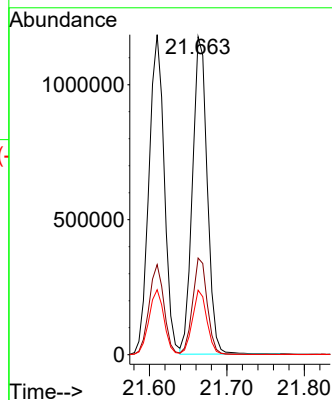
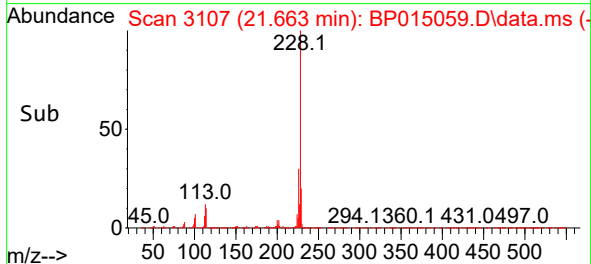
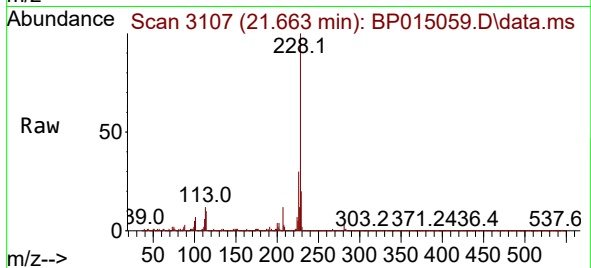
Tgt Ion:228 Resp: 1552718

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

229 20.3 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 19.294 ng/ul

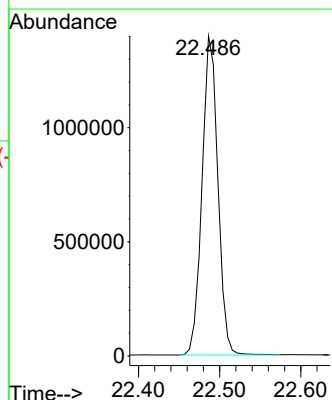
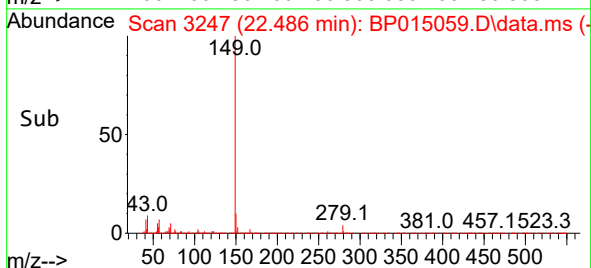
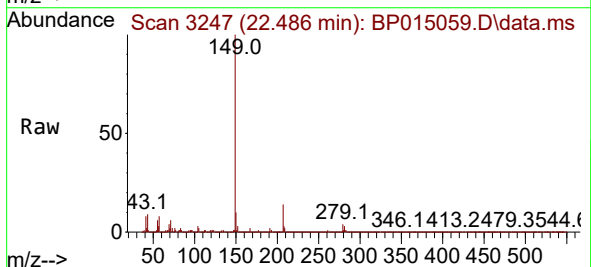
RT: 22.486 min Scan# 3247

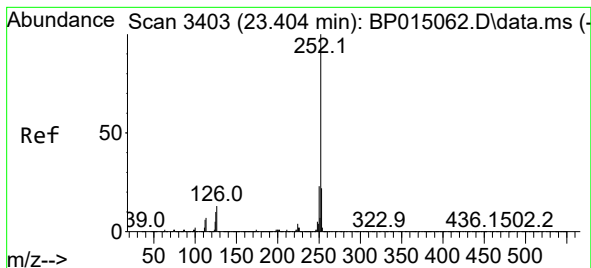
Delta R.T. 0.006 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Tgt Ion:149 Resp: 1892158





#90

Benzo(b)fluoranthene

Concen: 18.651 ng/ul

RT: 23.416 min Scan# 3403

Delta R.T. 0.012 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Instrument :

BNA_P

ClientSampleId :

SSTD020708

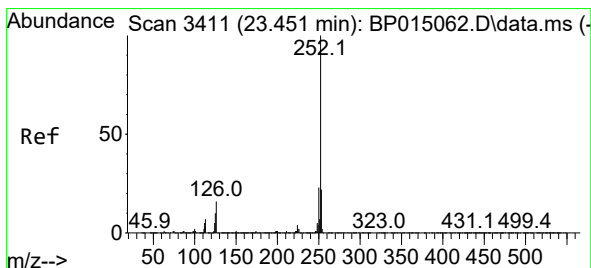
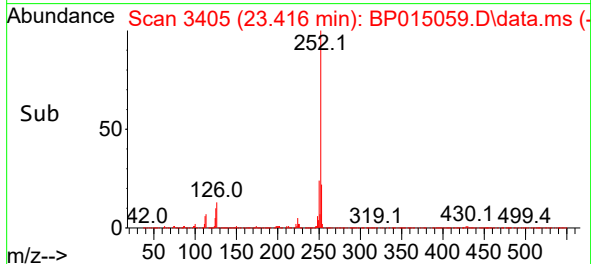
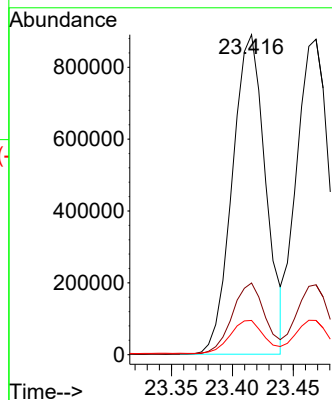
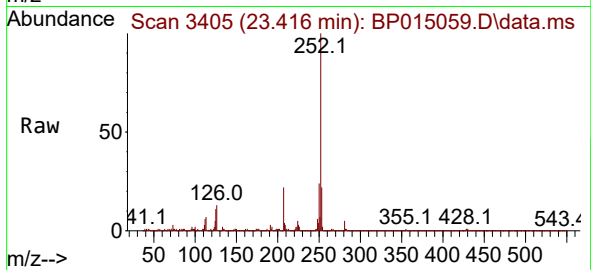
Tgt Ion:252 Resp: 1693108

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 10.7 8.3 12.5



#91

Benzo(k)fluoranthene

Concen: 18.889 ng/ul

RT: 23.469 min Scan# 3414

Delta R.T. 0.018 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

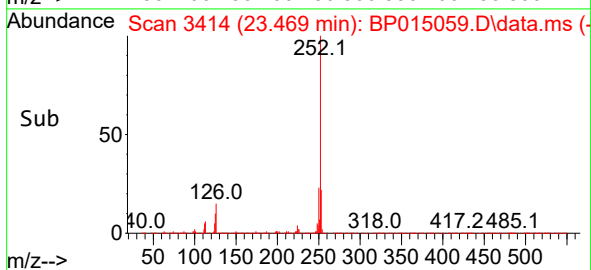
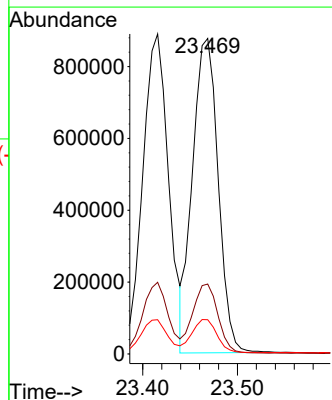
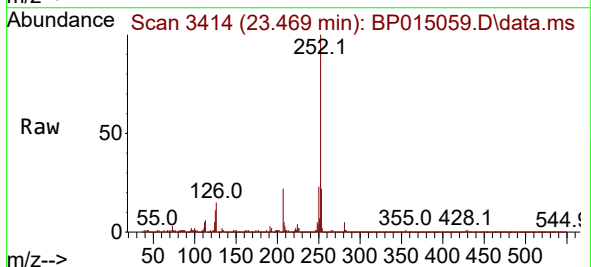
Tgt Ion:252 Resp: 1646443

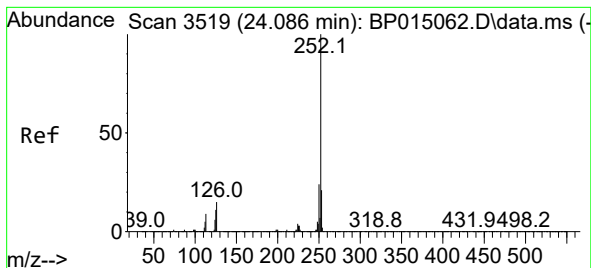
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.9 8.5 12.7





#93

Benzo(a)pyrene

Concen: 19.096 ng/ul

RT: 24.098 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Instrument :

BNA_P

ClientSampleId :

SSTD020708

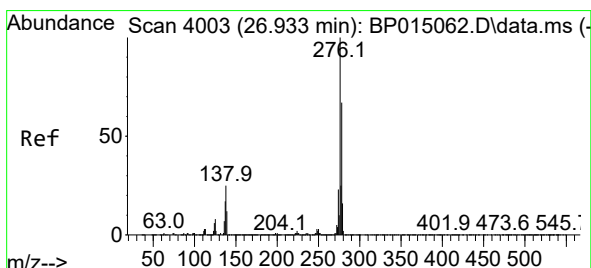
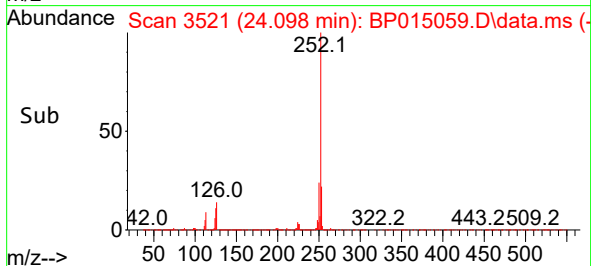
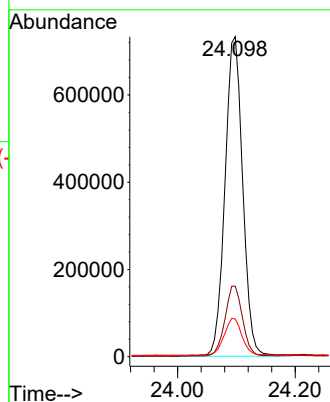
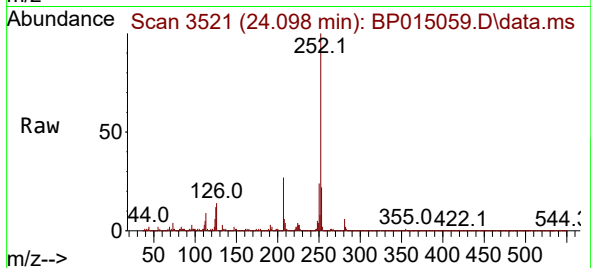
Tgt Ion:252 Resp: 1532213

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 11.8 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.525 ng/ul

RT: 26.957 min Scan# 4007

Delta R.T. 0.024 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

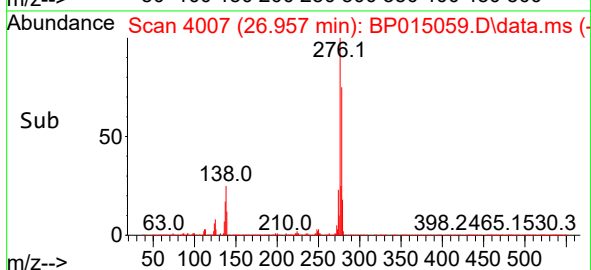
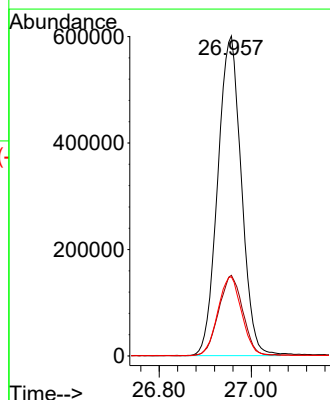
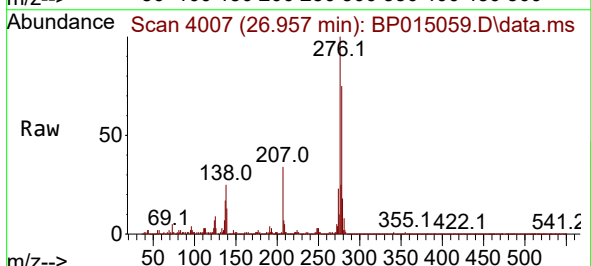
Tgt Ion:276 Resp: 2132435

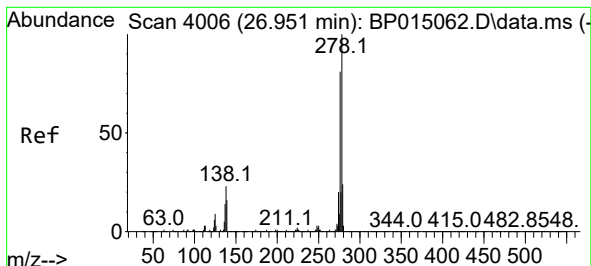
Ion Ratio Lower Upper

276 100

138 25.2 20.1 30.1

277 24.7 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 20.580 ng/ul

RT: 26.968 min Scan# 4006

Delta R.T. 0.018 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Instrument :

BNA_P

ClientSampleId :

SSTD020708

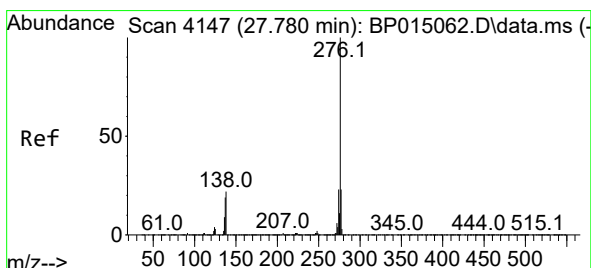
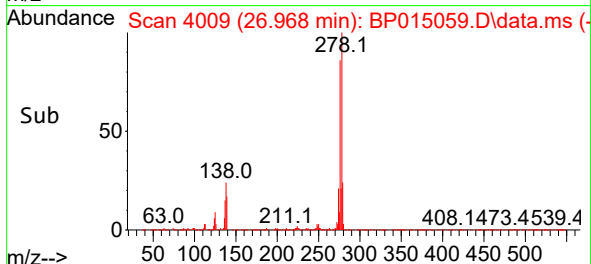
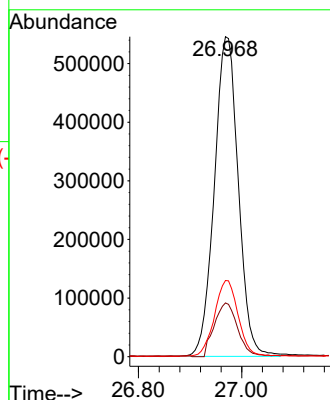
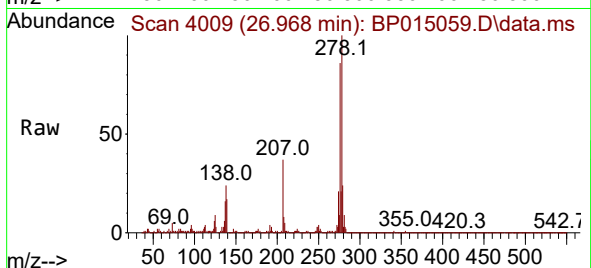
Tgt Ion:278 Resp: 1755146

Ion Ratio Lower Upper

278 100

139 16.8 13.3 19.9

279 23.8 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 20.842 ng/ul

RT: 27.798 min Scan# 4150

Delta R.T. 0.018 min

Lab File: BP015059.D

Acq: 11 May 2023 10:10

Tgt Ion:276 Resp: 1765734

Ion Ratio Lower Upper

276 100

138 21.9 17.7 26.5

277 23.5 18.8 28.2

