

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050123\
 Data File : BP014907.D
 Acq On : 01 May 2023 10:37
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020692

Quant Time: May 02 00:18:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 29 00:40:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.175	152	205755	20.000	ng/u1	0.00
20) Naphthalene-d8	11.010	136	842272	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.822	164	486698	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.575	188	997950	20.000	ng/u1	0.00
79) Chrysene-d12	21.663	240	925441	20.000	ng/u1	0.00
88) Perylene-d12	24.268	264	974892	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	48479	8.491	ng/uL	0.00
4) Pyridine-d5	3.905	84	320380	23.345	ng/u1	0.00
7) Phenol-d5	7.310	99	358046	22.234	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.487	67	231264	22.897	ng/u1	0.00
11) 2-Chlorophenol-d4	7.693	132	281709	23.104	ng/u1	0.00
15) 4-Methylphenol-d8	8.881	113	276279	22.515	ng/u1	0.00
21) Nitrobenzene-d5	9.346	128	128303	21.216	ng/u1	0.00
24) 2-Nitrophenol-d4	10.075	143	131608	23.707	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	271624	22.781	ng/u1	0.00
31) 4-Chloroaniline-d4	11.140	131	364527	21.146	ng/u1	0.00
46) Dimethylphthalate-d6	14.216	166	773565	22.178	ng/u1	0.00
49) Acenaphthylene-d8	14.510	160	922932	22.152	ng/u1	0.00
54) 4-Nitrophenol-d4	14.992	143	110712	21.332	ng/u1	0.00
60) Fluorene-d10	15.810	176	677572	22.285	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	101808	24.118	ng/u1	0.00
73) Anthracene-d10	17.675	188	1027668	22.548	ng/u1	0.00
81) Pyrene-d10	19.892	212	1134576	22.073	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.098	264	1078865	22.406	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.505	88	51915	8.540	ng/uL	98
5) Pyridine	3.922	79	334616	23.249	ng/u1	98
6) Benzaldehyde	7.299	77	108361	23.747	ng/u1	96
8) Phenol	7.340	94	382378	22.895	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.581	93	324668	22.686	ng/u1	99
12) 2-Chlorophenol	7.728	128	307544	23.506	ng/u1	100
13) 2-Methylphenol	8.610	108	281919	21.790	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.710	45	418801	23.161	ng/u1	98
16) Acetophenone	9.004	105	468444	23.503	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.987	70	236502	24.994	ng/u1	97
18) 4-Methylphenol	8.946	108	305921	22.405	ng/u1	97
19) Hexachloroethane	9.269	117	134730	21.858	ng/u1	99
22) Nitrobenzene	9.393	77	343560	22.394	ng/u1	100
23) Isophorone	9.922	82	665551	24.083	ng/u1	99
25) 2-Nitrophenol	10.110	139	148568	23.821	ng/u1	94
26) 2,4-Dimethylphenol	10.163	107	338956	22.780	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.404	93	430070	22.566	ng/u1	100
29) 2,4-Dichlorophenol	10.646	162	280573	23.563	ng/u1	99
30) Naphthalene	11.057	128	1017947	21.979	ng/u1	99
32) 4-Chloroaniline	11.163	127	384609	21.384	ng/u1	99
33) Hexachlorobutadiene	11.345	225	192044	20.995	ng/u1	98
34) Caprolactam	11.928	113	73709	24.123	ng/u1	97
35) 4-Chloro-3-methylphenol	12.269	107	278397	22.789	ng/u1	99
36) 2-Methylnaphthalene	12.657	142	625237	21.394	ng/u1	100

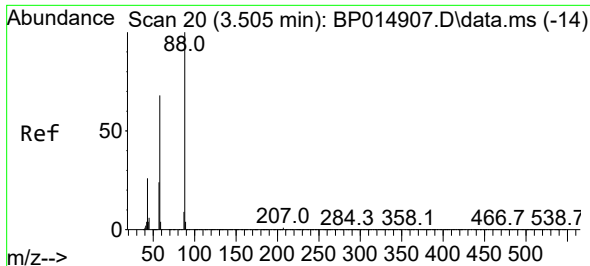
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.875	142	642352	21.892	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.016	216	343010	21.090	ng/ul	98
40) Hexachlorocyclopentadiene	12.998	237	203880	19.969	ng/ul	99
41) 2,4,6-Trichlorophenol	13.251	196	207102	25.062	ng/ul	98
42) 2,4,5-Trichlorophenol	13.322	196	220527	22.133	ng/ul	98
43) 1,1'-Biphenyl	13.651	154	875489	22.420	ng/ul	100
44) 2-Chloronaphthalene	13.698	162	680628	22.130	ng/ul	99
45) 2-Nitroaniline	13.898	65	147926	22.017	ng/ul	98
47) Dimethylphthalate	14.263	163	817803	22.681	ng/ul	100
48) 2,6-Dinitrotoluene	14.387	165	139743	21.514	ng/ul	92
50) Acenaphthylene	14.539	152	1056908	22.693	ng/ul	99
51) 3-Nitroaniline	14.716	138	91711	17.416	ng/ul	98
52) Acenaphthene	14.881	153	727531	22.663	ng/ul	99
53) 2,4-Dinitrophenol	14.922	184	50516	20.588	ng/ul	99
55) 4-Nitrophenol	15.010	109	89339	22.763	ng/ul	96
56) Dibenzofuran	15.216	168	997138	22.535	ng/ul	98
57) 2,4-Dinitrotoluene	15.169	165	201946	22.554	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.439	232	190186	25.010	ng/ul	98
59) Diethylphthalate	15.628	149	802262	22.815	ng/ul	100
61) Fluorene	15.869	166	820866	23.204	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.857	204	399142	22.326	ng/ul	100
63) 4-Nitroaniline	15.875	138	87544	20.820	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.933	198	110598	25.293	ng/ul	96
67) N-Nitrosodiphenylamine	16.069	169	671725	22.814	ng/ul	99
68) 4-Bromophenyl-phenylether	16.757	248	233479	21.503	ng/ul	98
69) Hexachlorobenzene	16.875	284	272943	21.326	ng/ul	99
70) Atrazine	17.022	200	226525	21.252	ng/ul	98
71) Pentachlorophenol	17.216	266	144996	25.598	ng/ul	98
72) Phenanthrene	17.616	178	1237613	22.550	ng/ul	100
74) Anthracene	17.710	178	1286499	23.399	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.622	216	350737	21.338	ng/ul	98
76) Pentachlorobenzene	15.134	250	337542	21.392	ng/ul	99
77) Carbazole	17.975	167	1053233	22.458	ng/ul	99
78) Di-n-butylphthalate	18.510	149	1277936	21.965	ng/ul	100
80) Fluoranthene	19.569	202	1359561	21.861	ng/ul	100
82) Pyrene	19.922	202	1480725	22.403	ng/ul	99
83) Butylbenzylphthalate	20.780	149	514959	20.702	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.568	252	402178	20.023	ng/ul	100
85) Benzo(a)anthracene	21.645	228	1358288	21.882	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.545	149	768846	20.390	ng/ul	99
87) Chrysene	21.698	228	1383794	22.399	ng/ul	100
89) Di-n-octyl phthalate	22.539	149	1285132	20.326	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	1320103	21.761	ng/ul	100
91) Benzo(k)fluoranthene	23.515	252	1417447	22.522	ng/ul	99
93) Benzo(a)pyrene	24.151	252	1249059	22.640	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.033	276	1608833	21.959	ng/ul	99
95) Dibenzo(a,h)anthracene	27.056	278	1342003	22.147	ng/ul	100
96) Benzo(g,h,i)perylene	27.892	276	1321546	21.855	ng/ul	100

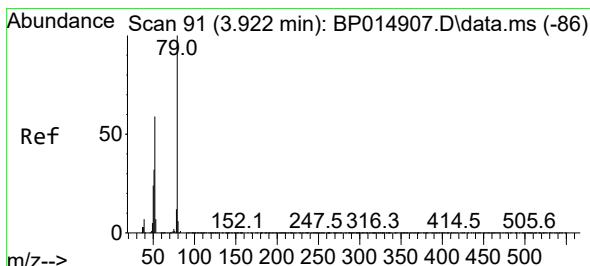
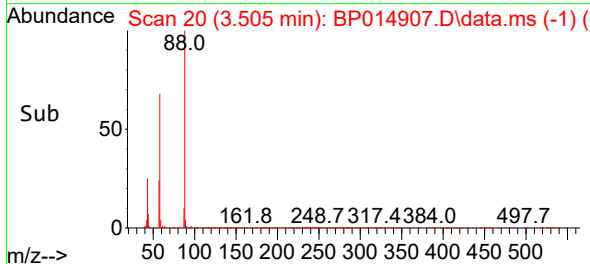
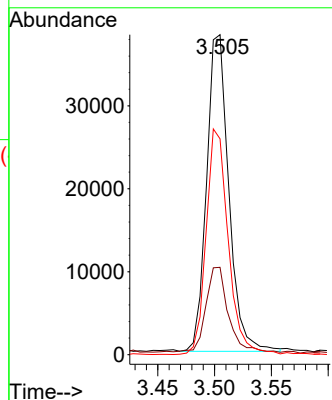
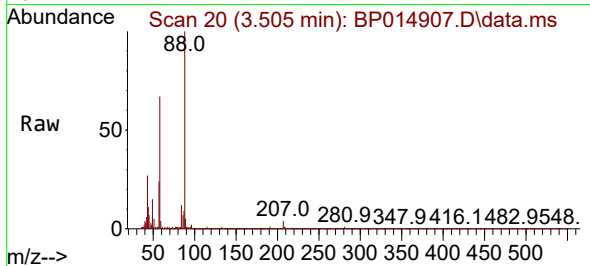
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#2
 1,4-Dioxane
 Concen: 8.540 ng/uL
 RT: 3.505 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BP014907.D
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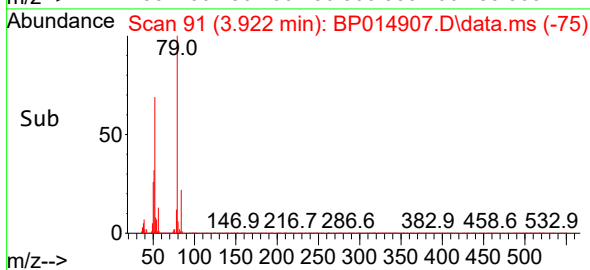
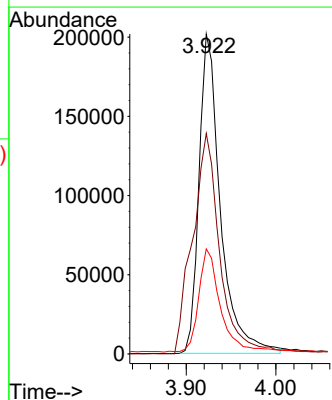
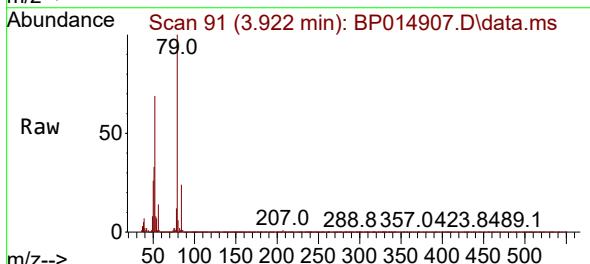
Instrument :
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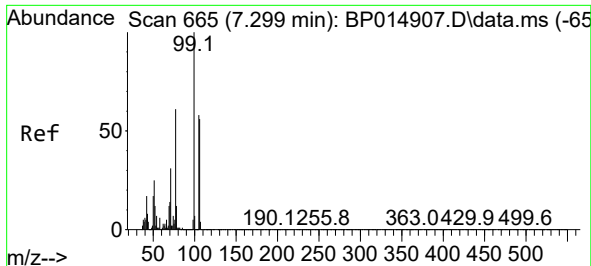
Tgt Ion: 88 Resp: 51915
 Ion Ratio Lower Upper
 88 100
 43 27.3 22.2 33.4
 58 67.4 55.1 82.7



#5
 Pyridine
 Concen: 23.249 ng/uL
 RT: 3.922 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP014907.D
 Acq: 01 May 2023 10:37

Tgt Ion: 79 Resp: 334616
 Ion Ratio Lower Upper
 79 100
 52 68.9 53.2 79.8
 51 32.9 26.5 39.7

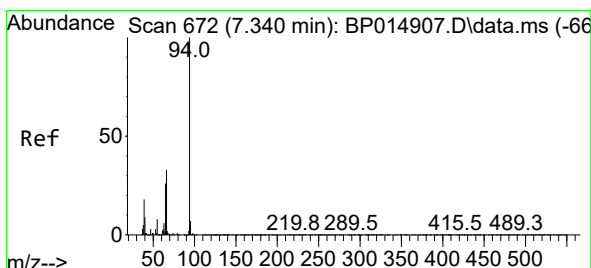
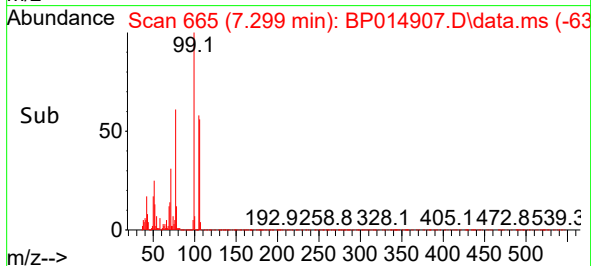
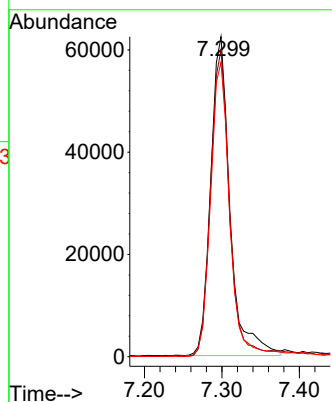
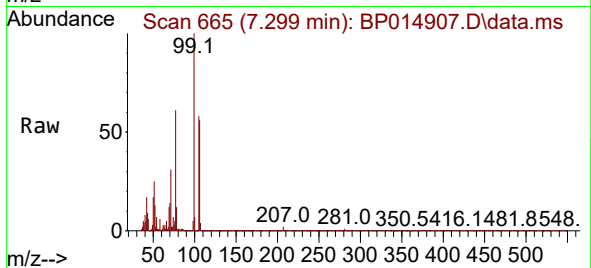




#6
Benzaldehyde
Concen: 23.747 ng/ul
RT: 7.299 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

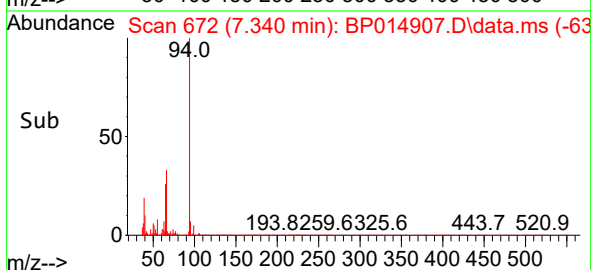
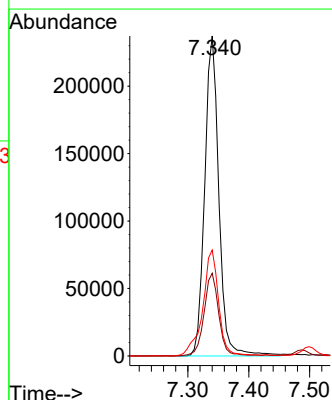
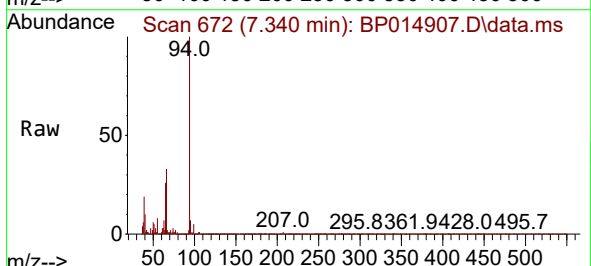
Instrument :
BNA_P
ClientSampleId :
SSTD020692

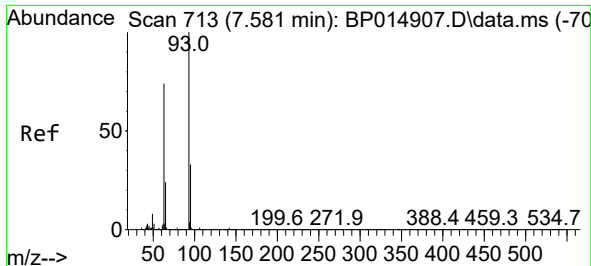
Tgt Ion: 77 Resp: 108361
Ion Ratio Lower Upper
77 100
105 95.8 79.4 119.0
106 92.0 77.6 116.4



#8
Phenol
Concen: 22.895 ng/ul
RT: 7.340 min Scan# 672
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

Tgt Ion: 94 Resp: 382378
Ion Ratio Lower Upper
94 100
65 25.8 21.1 31.7
66 33.1 26.3 39.5



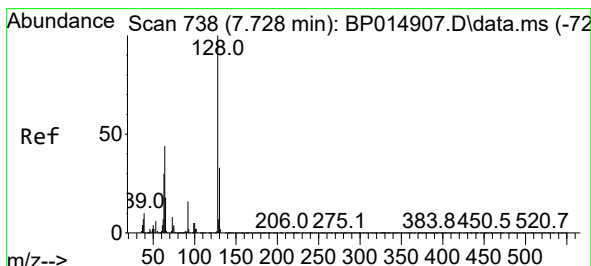
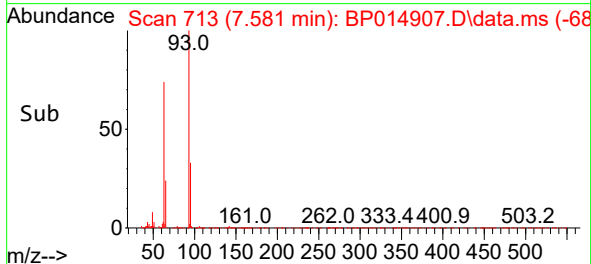
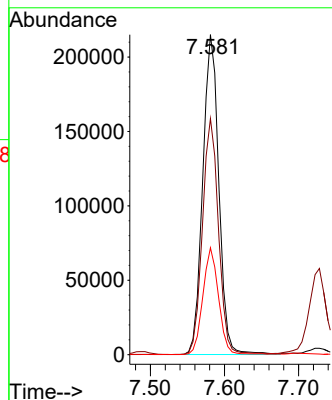
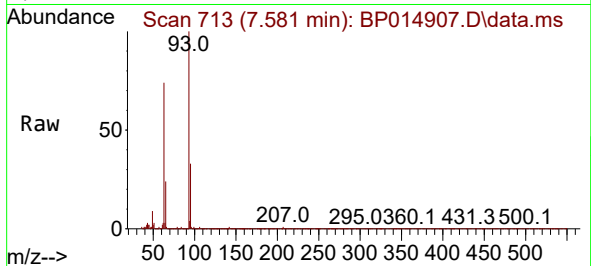


#10
 Bis(2-Chloroethyl)ether
 Concen: 22.686 ng/ul
 RT: 7.581 min Scan# 713
 Delta R.T. -0.006 min
 Lab File: BP014907.D
 Acq: 01 May 2023 10:37

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020692

Tgt Ion: 93 Resp: 324668

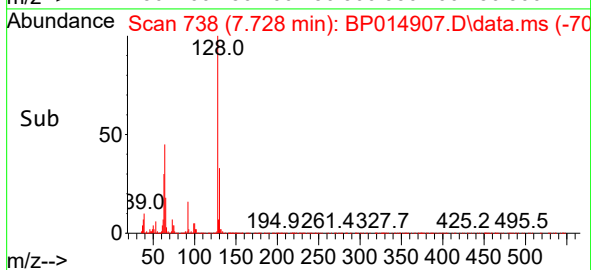
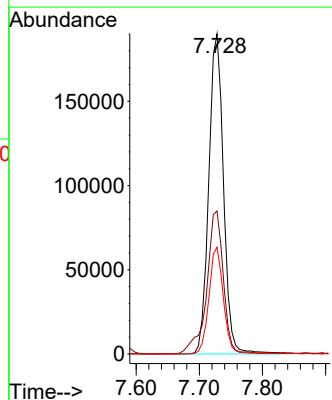
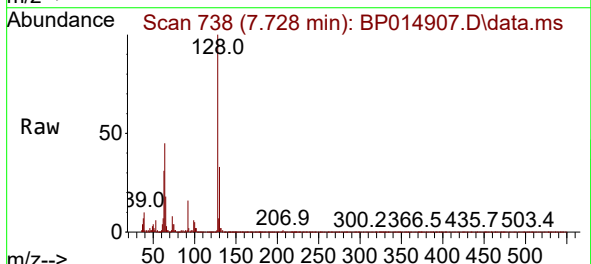
Ion	Ratio	Lower	Upper
93	100		
63	73.8	57.9	86.9
95	33.4	26.4	39.6

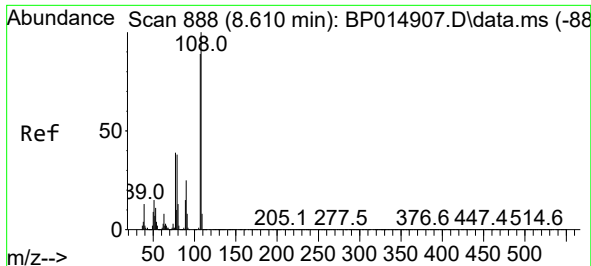


#12
 2-Chlorophenol
 Concen: 23.506 ng/ul
 RT: 7.728 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: BP014907.D
 Acq: 01 May 2023 10:37

Tgt Ion: 128 Resp: 307544

Ion	Ratio	Lower	Upper
128	100		
64	44.7	35.5	53.3
130	33.4	26.8	40.2





#13

2-Methylphenol

Concen: 21.790 ng/ul

RT: 8.610 min Scan# 888

Delta R.T. -0.006 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

Instrument :

BNA_P

ClientSampleId :

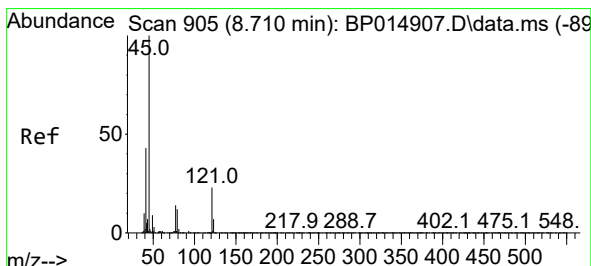
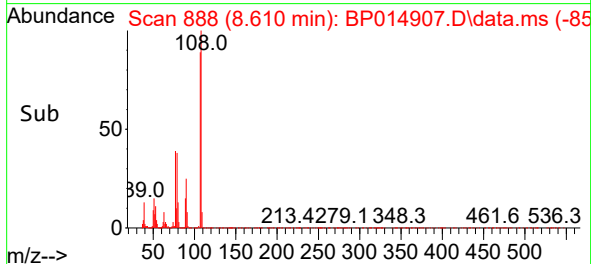
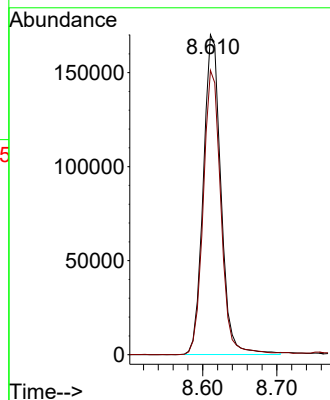
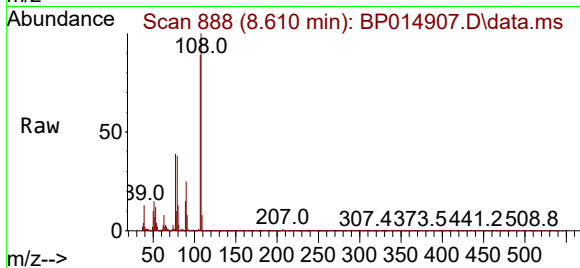
SSTD020692

Tgt Ion:108 Resp: 281919

Ion Ratio Lower Upper

108 100

107 88.9 71.3 106.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 23.161 ng/ul

RT: 8.710 min Scan# 905

Delta R.T. -0.006 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

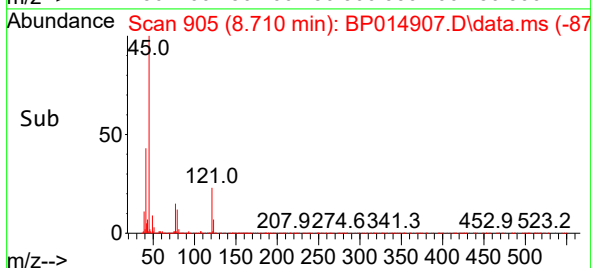
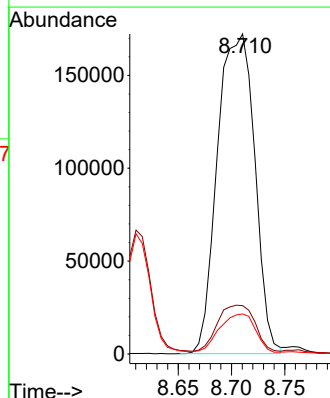
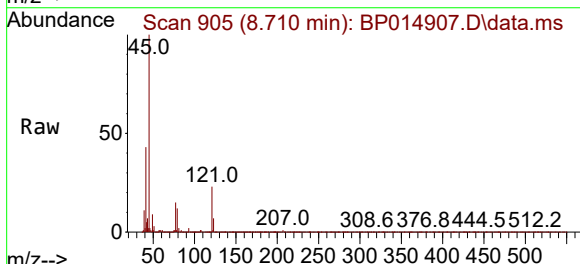
Tgt Ion: 45 Resp: 418801

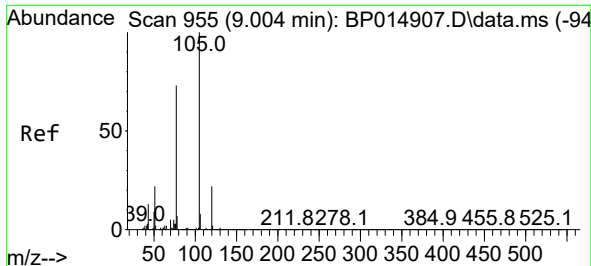
Ion Ratio Lower Upper

45 100

77 15.1 12.7 19.1

79 12.5 10.3 15.5

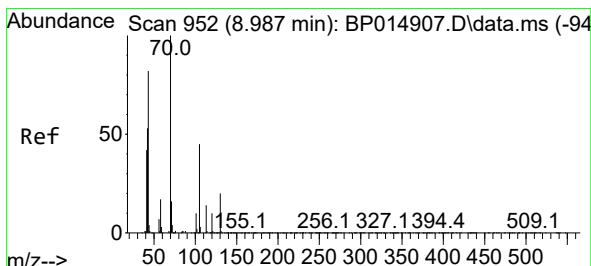
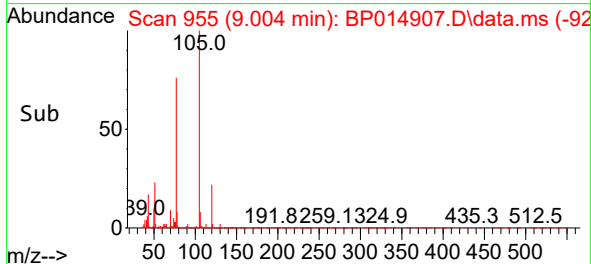
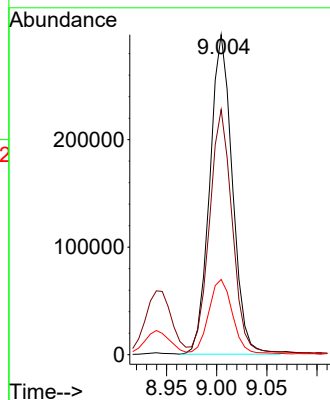
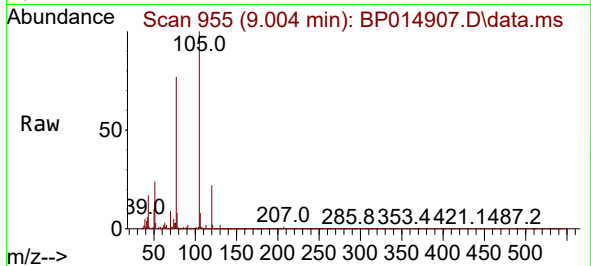




#16
Acetophenone
Concen: 23.503 ng/ul
RT: 9.004 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

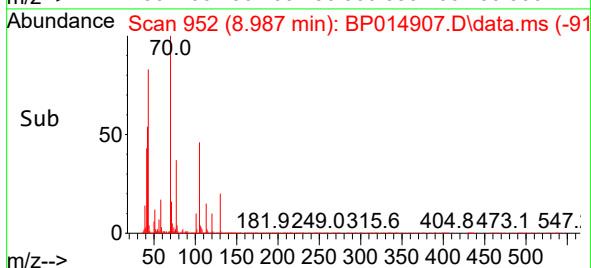
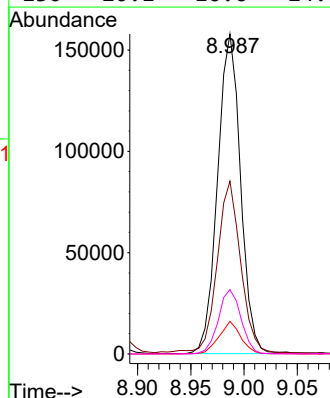
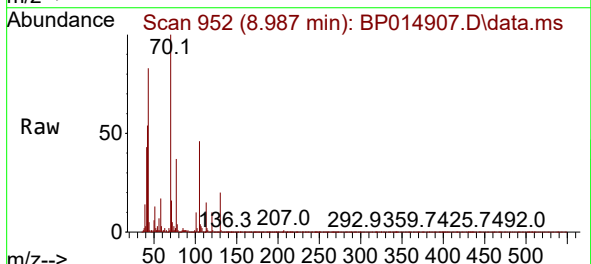
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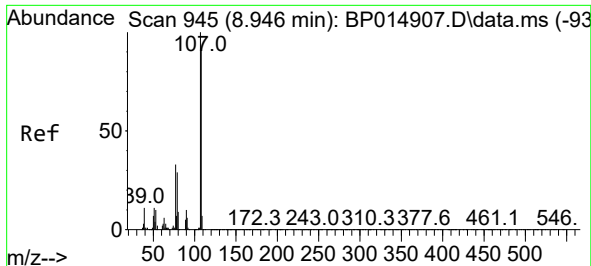
Tgt Ion:105 Resp: 468444
Ion Ratio Lower Upper
105 100
77 76.6 59.8 89.6
51 23.5 19.4 29.2



#17
N-Nitroso-di-n-propylamine
Concen: 24.994 ng/ul
RT: 8.987 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

Tgt Ion: 70 Resp: 236502
Ion Ratio Lower Upper
70 100
42 54.0 40.9 61.3
101 10.2 8.2 12.4
130 20.1 16.6 24.8





#18

4-Methylphenol

Concen: 22.405 ng/ul

RT: 8.946 min Scan# 945

Delta R.T. -0.000 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

Instrument :

BNA_P

ClientSampleId :

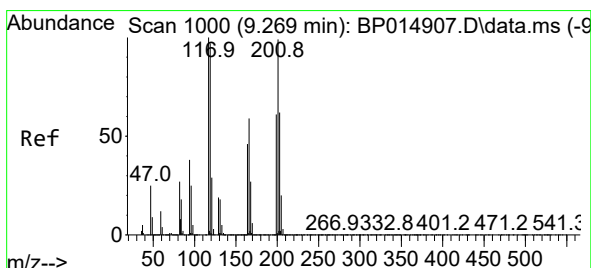
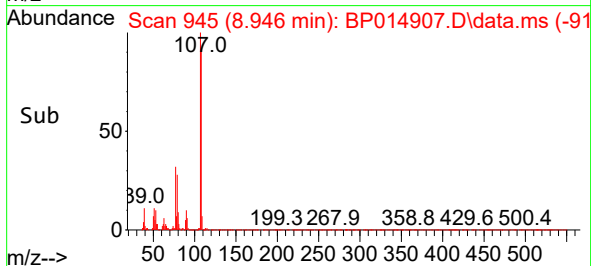
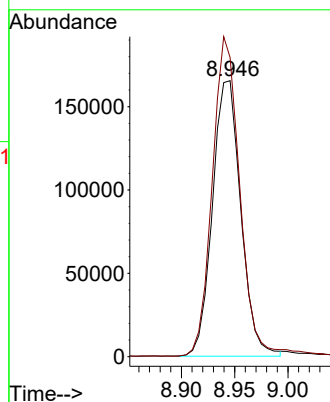
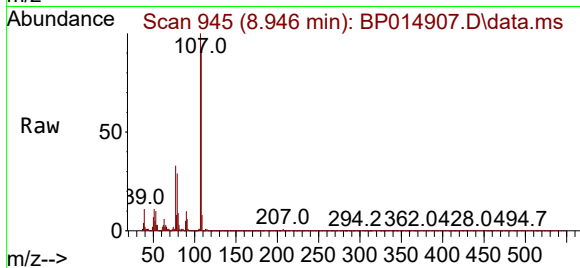
SSTD020692

Tgt Ion:108 Resp: 305921

Ion Ratio Lower Upper

108 100

107 108.3 89.2 133.8



#19

Hexachloroethane

Concen: 21.858 ng/ul

RT: 9.269 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

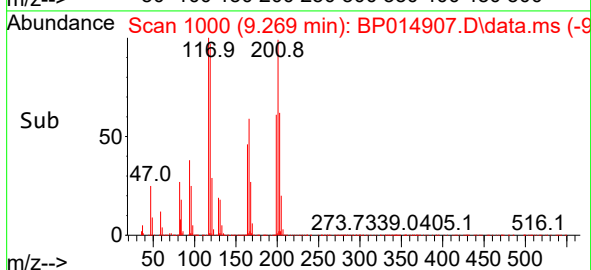
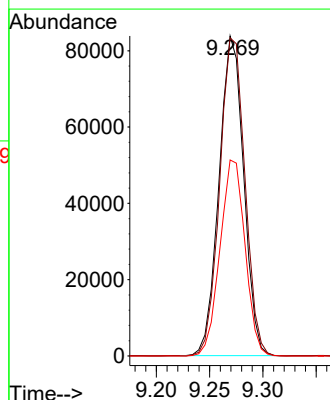
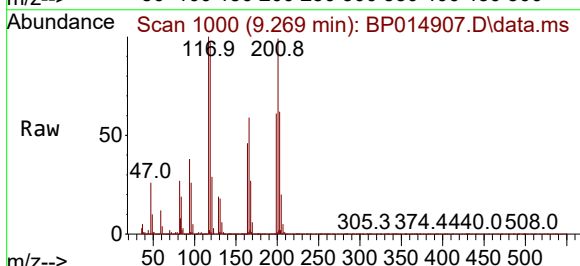
Tgt Ion:117 Resp: 134730

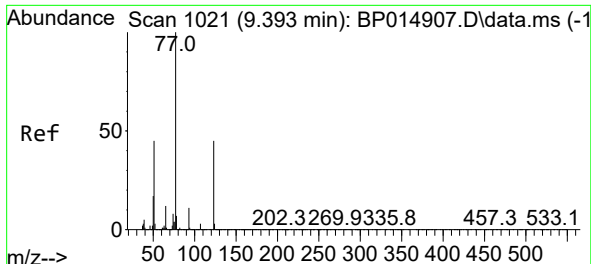
Ion Ratio Lower Upper

117 100

201 99.4 78.9 118.3

199 61.3 49.4 74.0

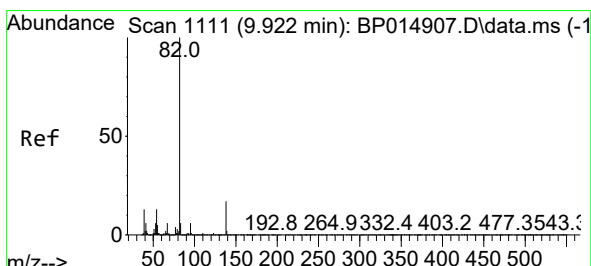
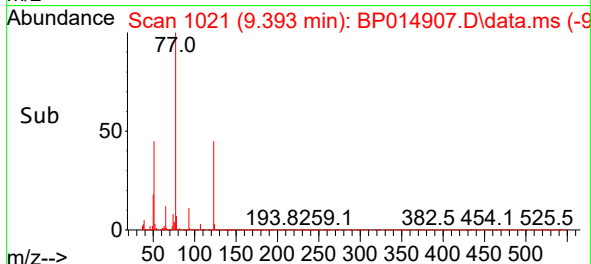
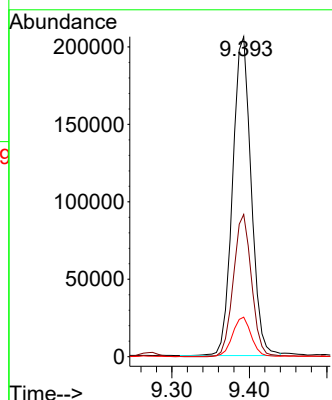
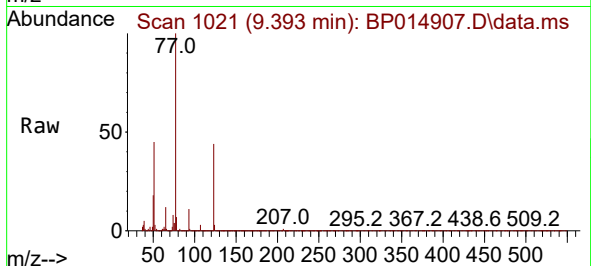




#22
Nitrobenzene
Concen: 22.394 ng/ul
RT: 9.393 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

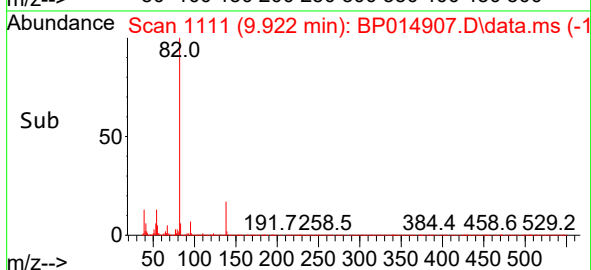
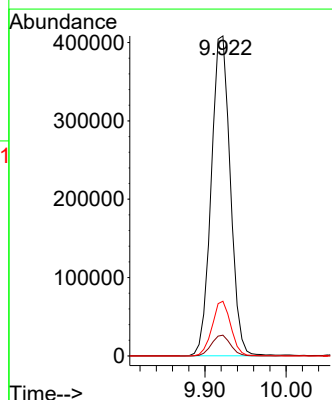
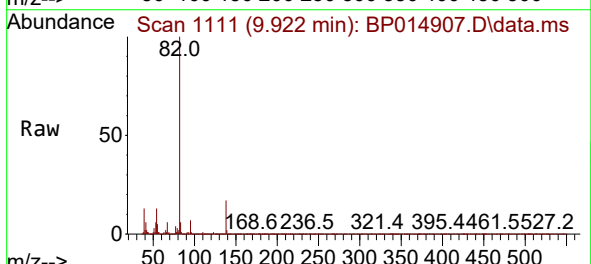
Instrument :
BNA_P
ClientSampleId :
SSTD020692

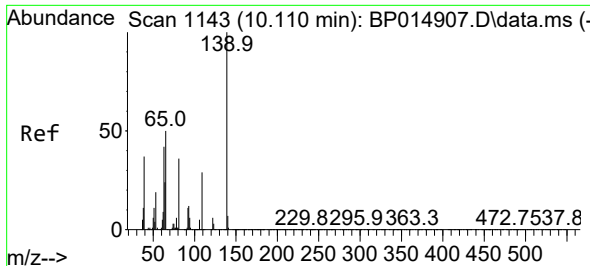
Tgt Ion: 77 Resp: 343560
Ion Ratio Lower Upper
77 100
123 44.5 35.7 53.5
65 12.3 10.0 15.0



#23
Isophorone
Concen: 24.083 ng/ul
RT: 9.922 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

Tgt Ion: 82 Resp: 665551
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.2
138 17.1 13.3 19.9

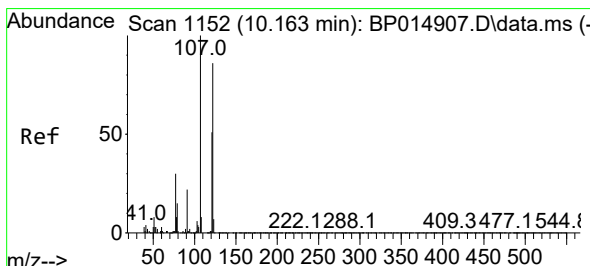
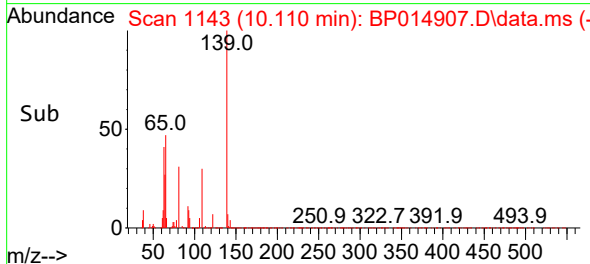
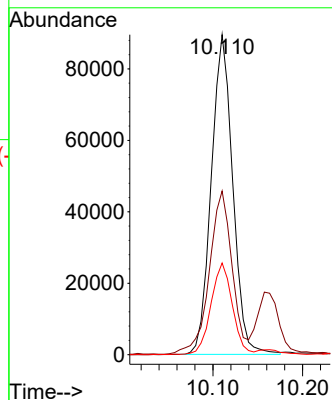
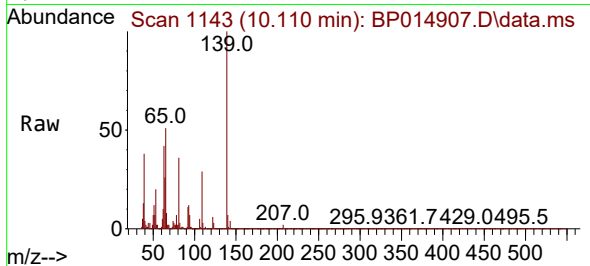




#25
2-Nitrophenol
Concen: 23.821 ng/ul
RT: 10.110 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

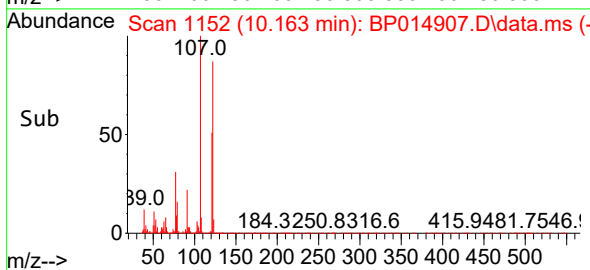
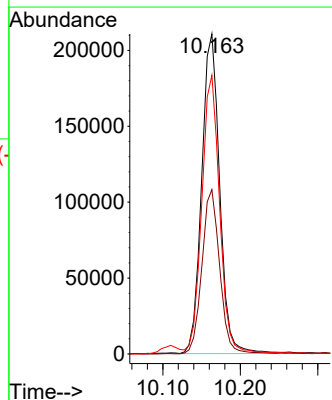
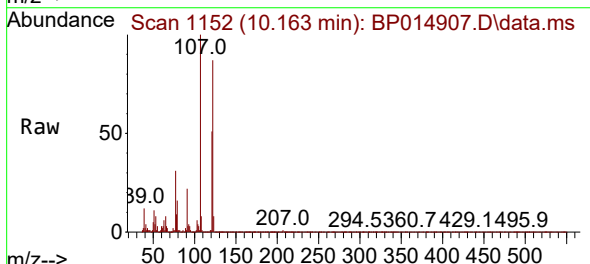
Instrument :
BNA_P
ClientSampleId :
SSTD020692

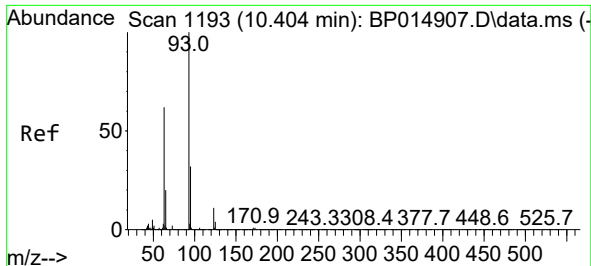
Tgt Ion:139 Resp: 148568
Ion Ratio Lower Upper
139 100
65 51.1 37.0 55.4
109 28.7 22.0 33.0



#26
2,4-Dimethylphenol
Concen: 22.780 ng/ul
RT: 10.163 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

Tgt Ion:107 Resp: 338956
Ion Ratio Lower Upper
107 100
121 51.4 40.4 60.6
122 87.1 69.3 103.9





#27

Bis(2-Chloroethoxy)methane

Concen: 22.566 ng/ul

RT: 10.404 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

Instrument :

BNA_P

ClientSampleId :

SSTD020692

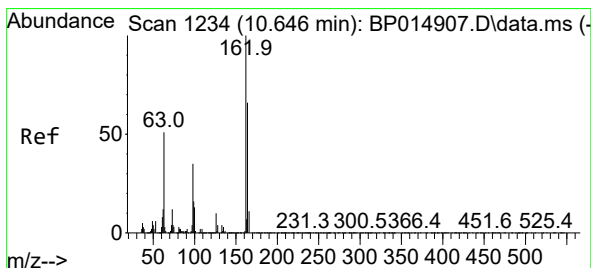
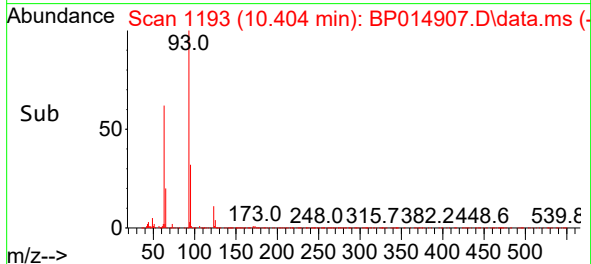
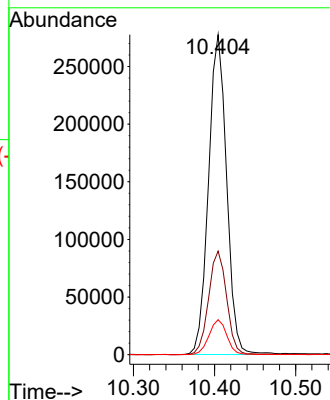
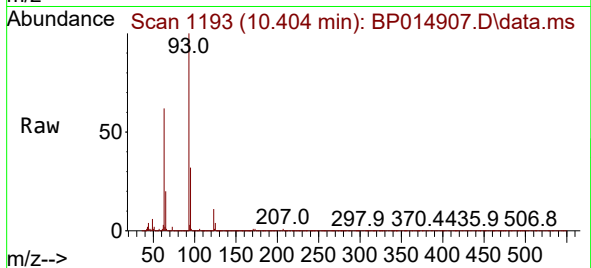
Tgt Ion: 93 Resp: 430070

Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

123 10.9 8.8 13.2



#29

2,4-Dichlorophenol

Concen: 23.563 ng/ul

RT: 10.646 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

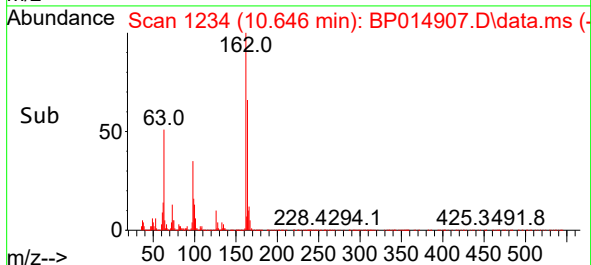
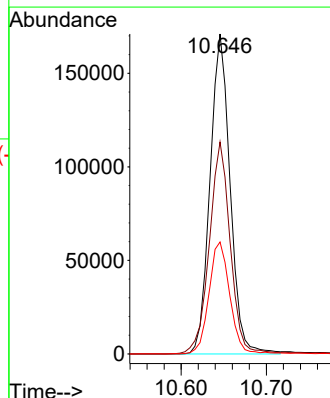
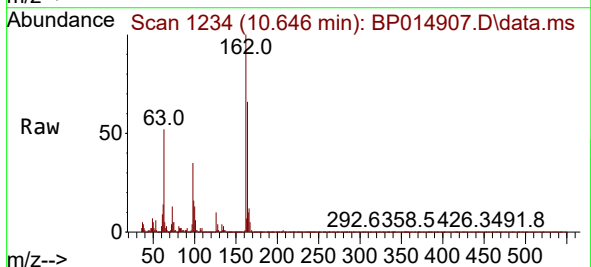
Tgt Ion:162 Resp: 280573

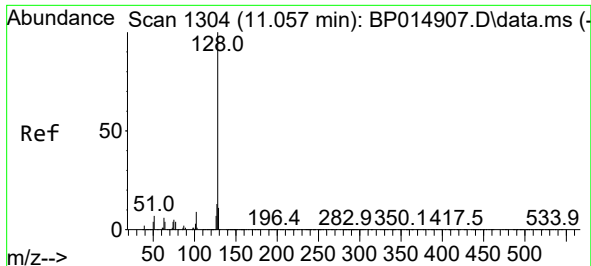
Ion Ratio Lower Upper

162 100

164 66.3 52.7 79.1

98 35.0 29.4 44.2

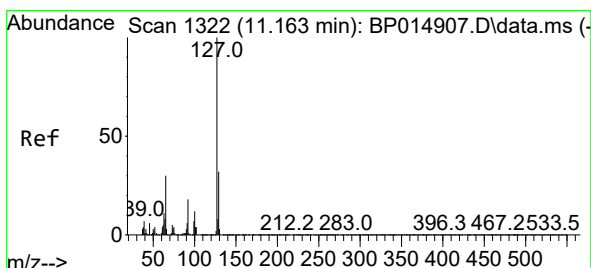
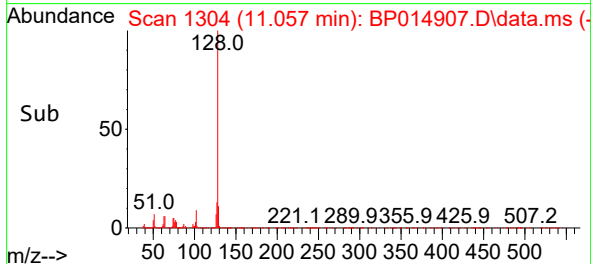
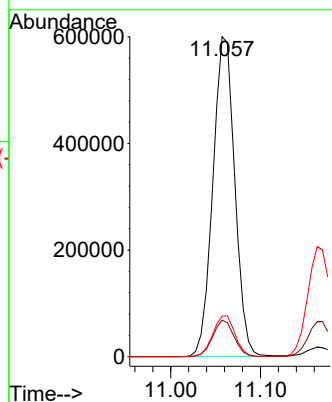
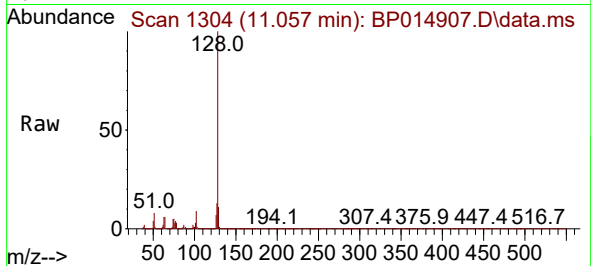




#30
Naphthalene
Concen: 21.979 ng/ul
RT: 11.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

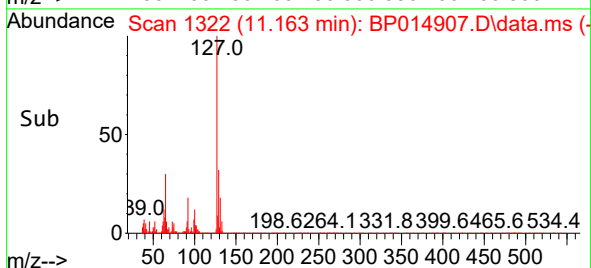
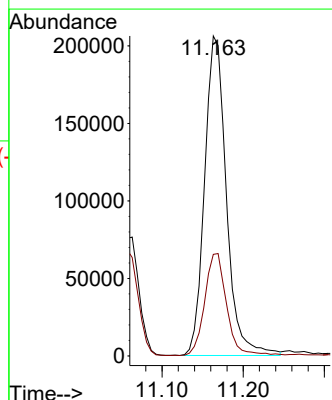
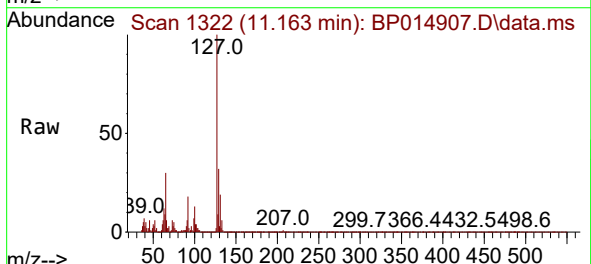
Instrument :
BNA_P
ClientSampleId :
SSTD020692

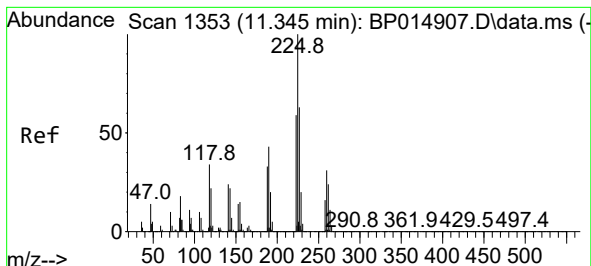
Tgt Ion:128 Resp: 1017947
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 12.6 10.4 15.6



#32
4-Chloroaniline
Concen: 21.384 ng/ul
RT: 11.163 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

Tgt Ion:127 Resp: 384609
Ion Ratio Lower Upper
127 100
129 31.7 25.9 38.9

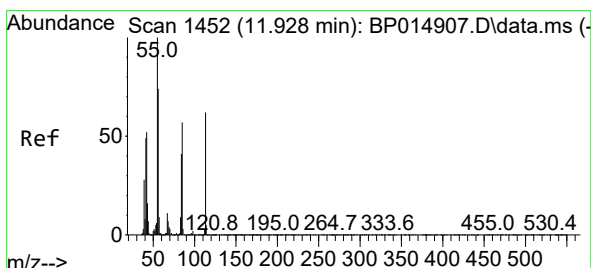
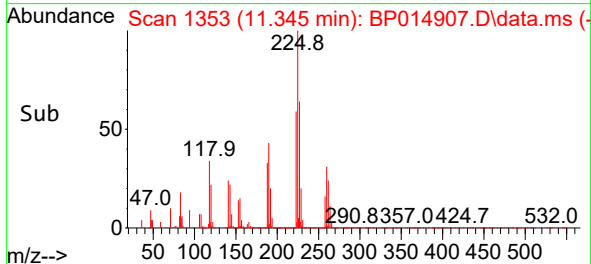
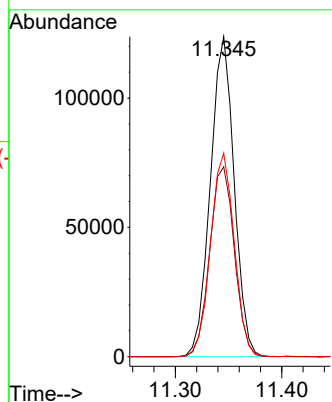
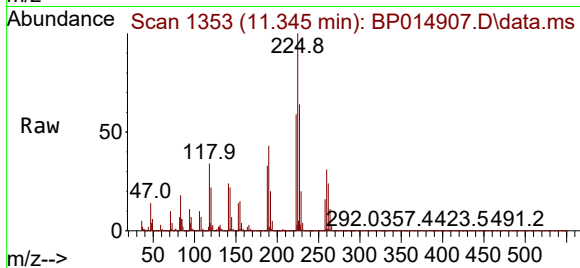




#33
Hexachlorobutadiene
Concen: 20.995 ng/ul
RT: 11.345 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

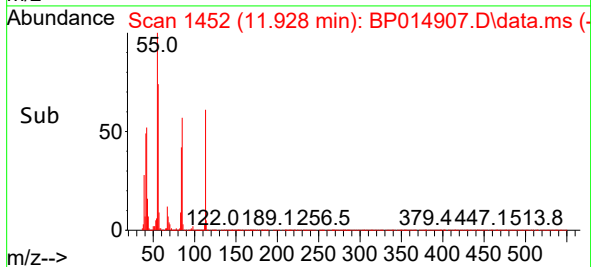
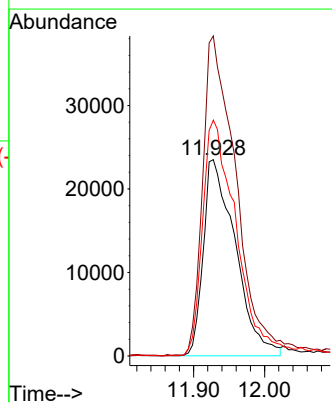
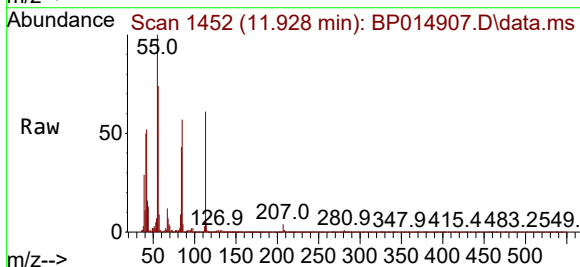
Instrument :
BNA_P
ClientSampleId :
SSTD020692

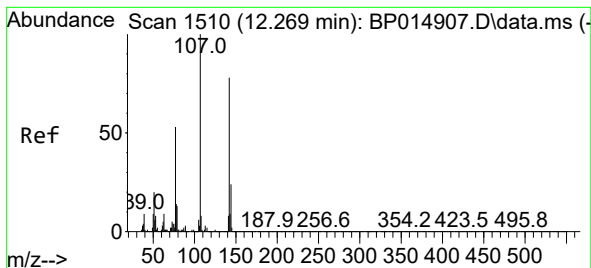
Tgt Ion:225 Resp: 192044
Ion Ratio Lower Upper
225 100
223 59.4 49.7 74.5
227 63.6 51.8 77.6



#34
Caprolactam
Concen: 24.123 ng/ul
RT: 11.928 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

Tgt Ion:113 Resp: 73709
Ion Ratio Lower Upper
113 100
55 163.0 133.7 200.5
56 120.1 98.7 148.1

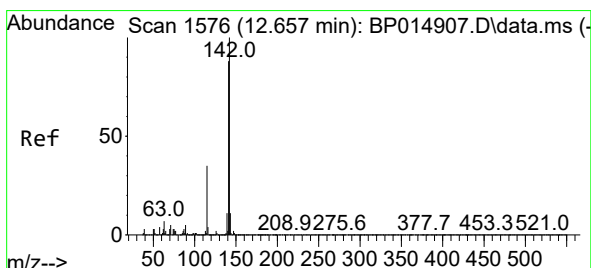
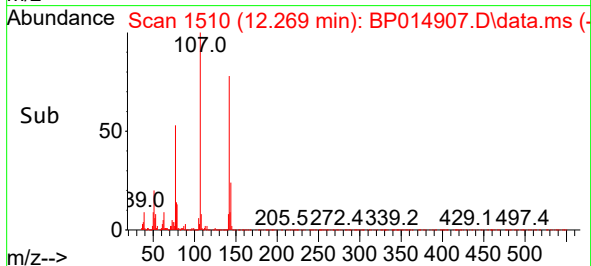
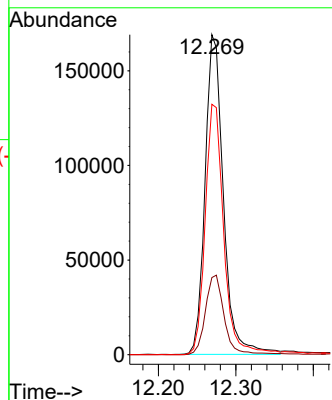
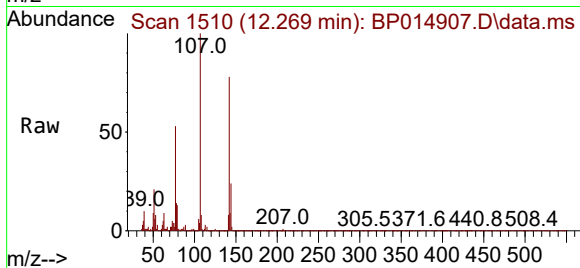




#35
4-Chloro-3-methylphenol
Concen: 22.789 ng/ul
RT: 12.269 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

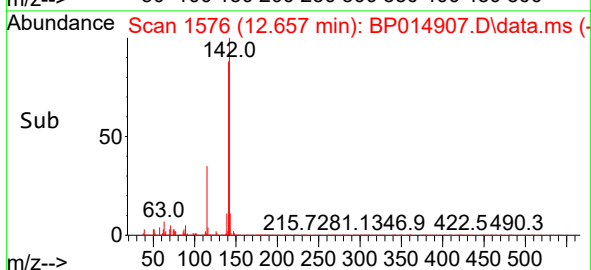
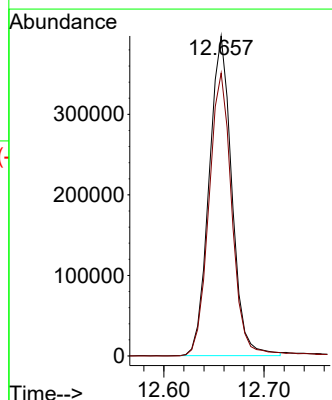
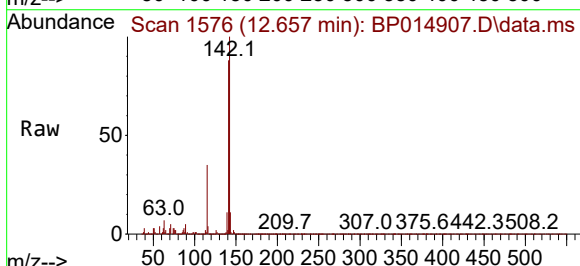
Instrument :
BNA_P
ClientSampleId :
SSTD020692

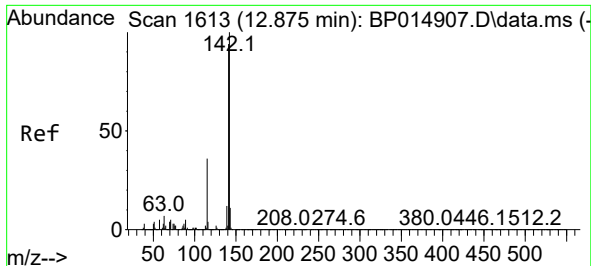
Tgt Ion:107 Resp: 278397
Ion Ratio Lower Upper
107 100
144 24.1 19.8 29.8
142 78.2 62.4 93.6



#36
2-Methylnaphthalene
Concen: 21.394 ng/ul
RT: 12.657 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

Tgt Ion:142 Resp: 625237
Ion Ratio Lower Upper
142 100
141 88.4 70.5 105.7

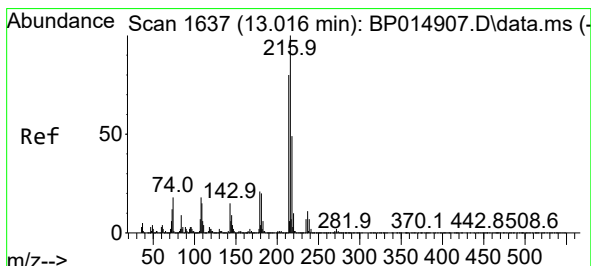
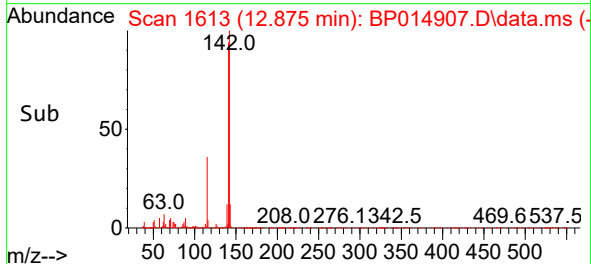
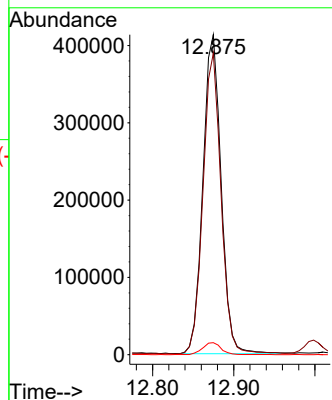
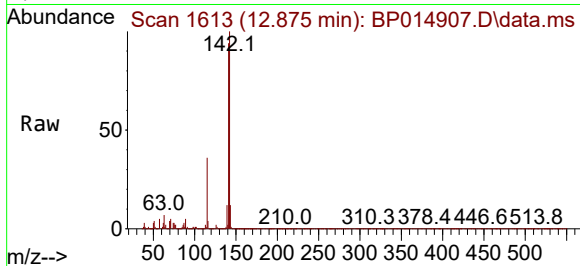




#37
1-Methylnaphthalene
Concen: 21.892 ng/ul
RT: 12.875 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

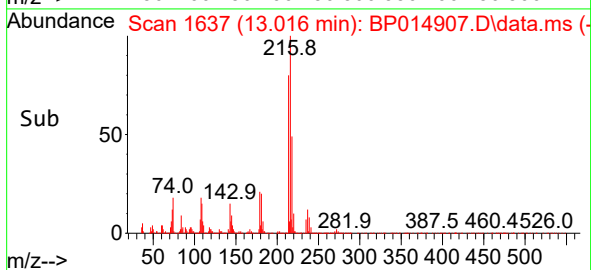
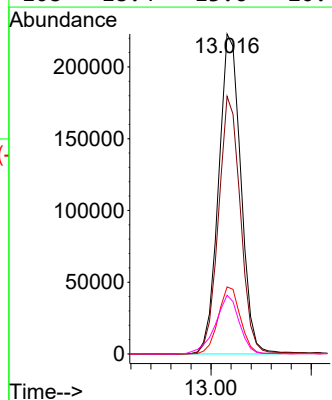
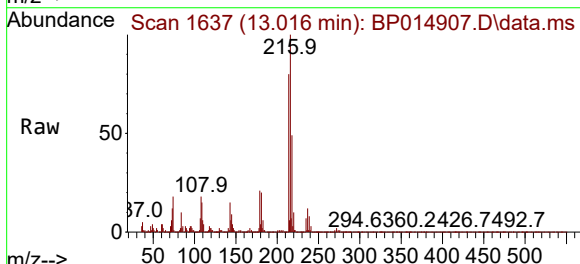
Instrument :
BNA_P
ClientSampleId :
SSTD020692

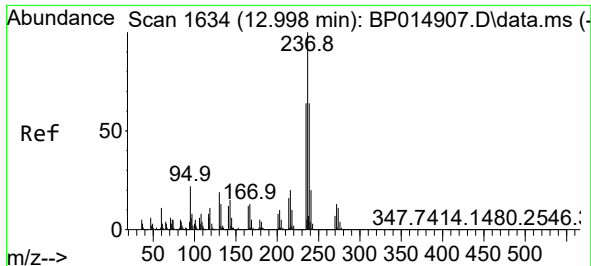
Tgt Ion:142 Resp: 642352
Ion Ratio Lower Upper
142 100
141 94.2 73.3 109.9
116 3.8 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 21.090 ng/ul
RT: 13.016 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

Tgt Ion:216 Resp: 343010
Ion Ratio Lower Upper
216 100
214 80.5 63.0 94.6
179 21.0 16.2 24.4
108 18.4 13.6 20.4

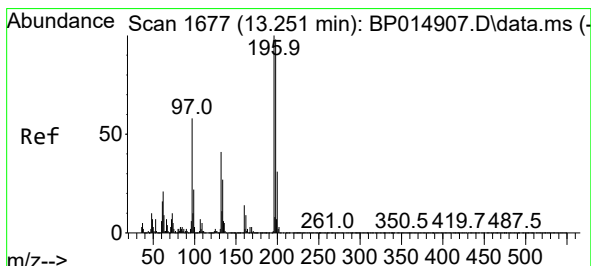
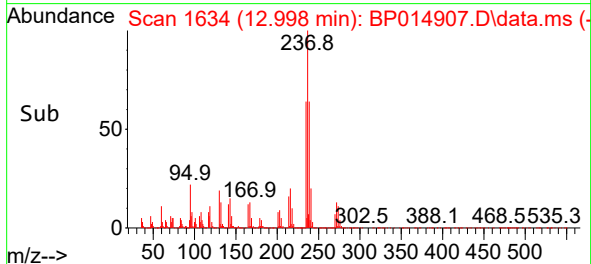
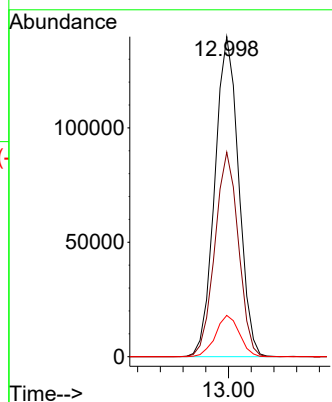
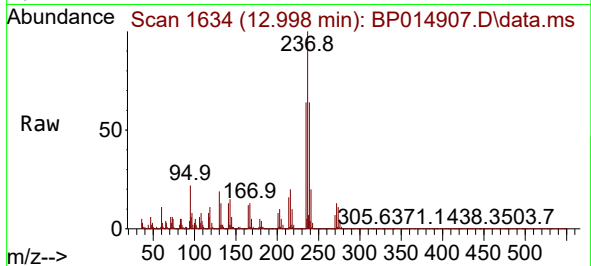




#40
Hexachlorocyclopentadiene
Concen: 19.969 ng/ul
RT: 12.998 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

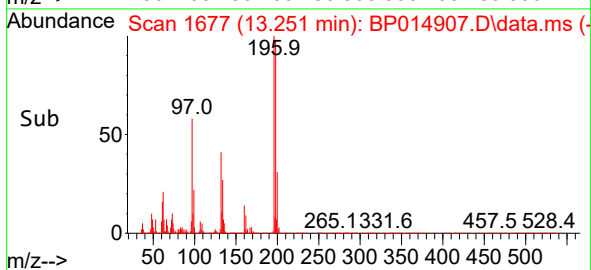
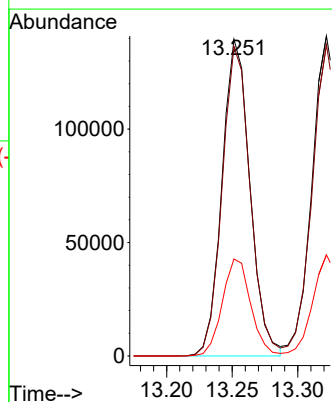
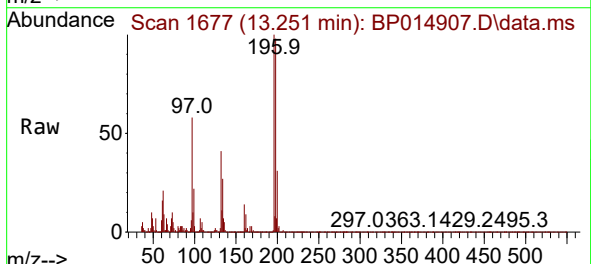
Instrument :
BNA_P
ClientSampleId :
SSTD020692

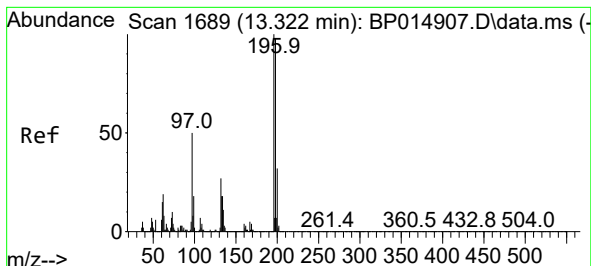
Tgt Ion:237 Resp: 203880
Ion Ratio Lower Upper
237 100
235 63.9 50.6 75.8
272 13.7 10.7 16.1



#41
2,4,6-Trichlorophenol
Concen: 25.062 ng/ul
RT: 13.251 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

Tgt Ion:196 Resp: 207102
Ion Ratio Lower Upper
196 100
198 97.7 79.1 118.7
200 30.6 26.5 39.7





#42

2,4,5-Trichlorophenol

Concen: 22.133 ng/ul

RT: 13.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

Instrument :

BNA_P

ClientSampleId :

SSTD020692

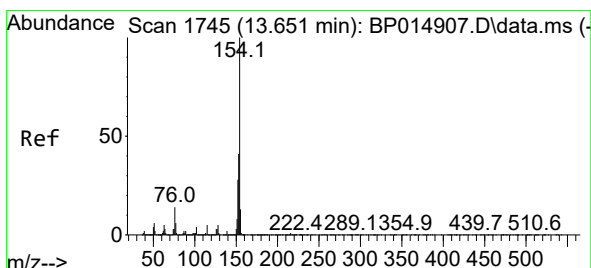
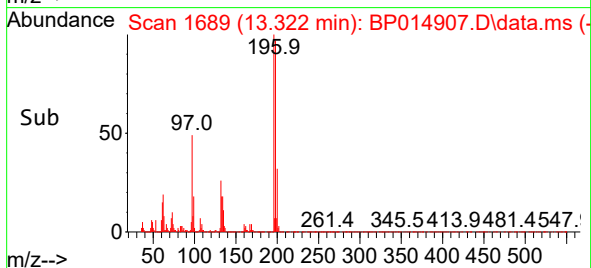
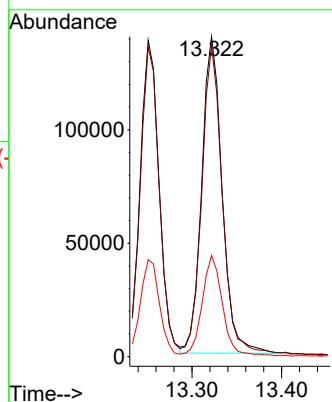
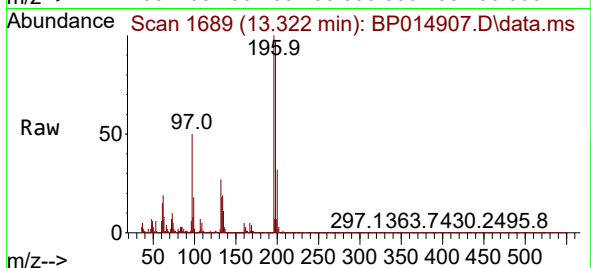
Tgt Ion:196 Resp: 220527

Ion Ratio Lower Upper

196 100

198 97.2 76.6 115.0

200 31.6 24.0 36.0



#43

1,1'-Biphenyl

Concen: 22.420 ng/ul

RT: 13.651 min Scan# 1745

Delta R.T. -0.006 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

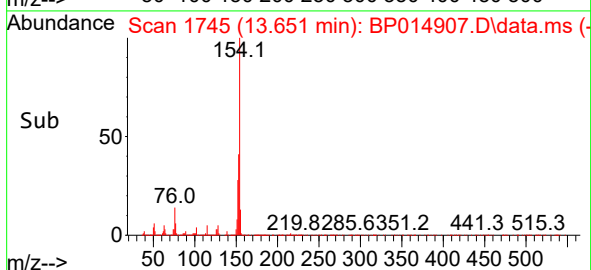
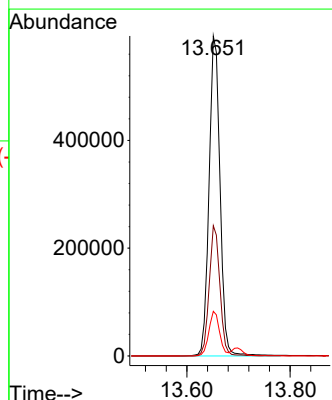
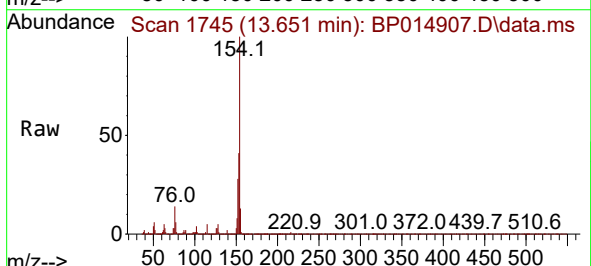
Tgt Ion:154 Resp: 875489

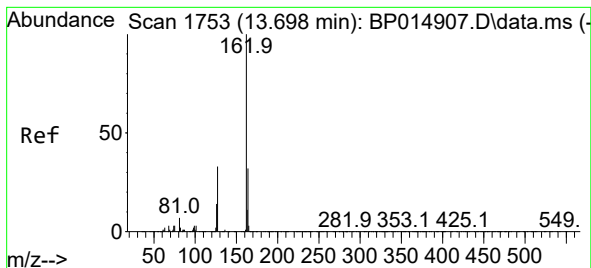
Ion Ratio Lower Upper

154 100

153 40.7 32.5 48.7

76 13.9 10.8 16.2

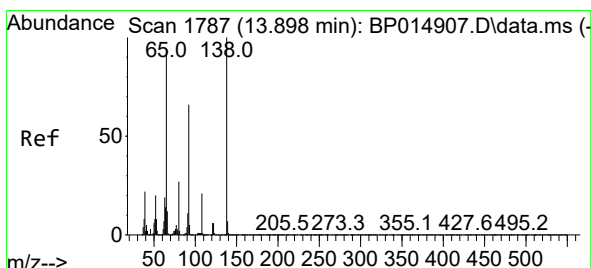
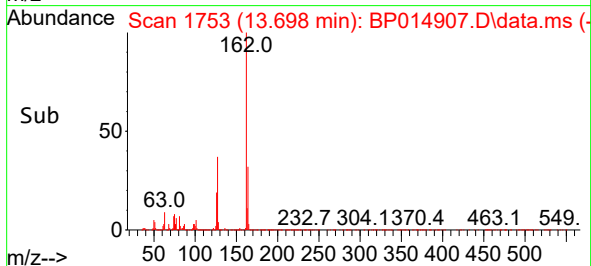
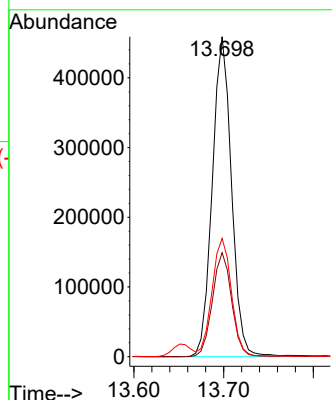
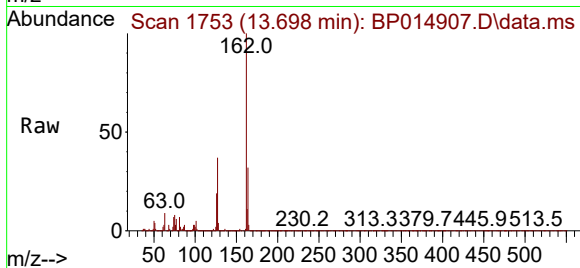




#44
2-Chloronaphthalene
Concen: 22.130 ng/ul
RT: 13.698 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

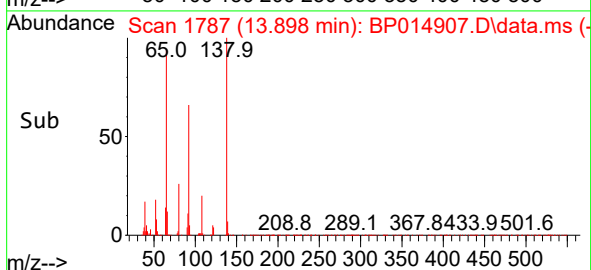
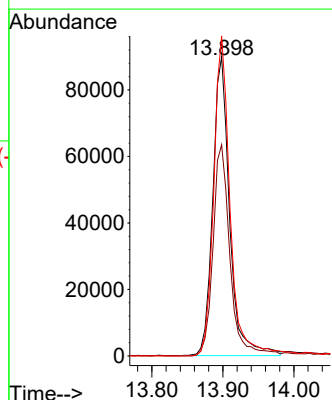
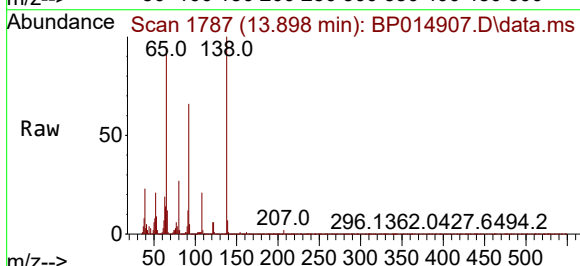
Instrument :
BNA_P
ClientSampleId :
SSTD020692

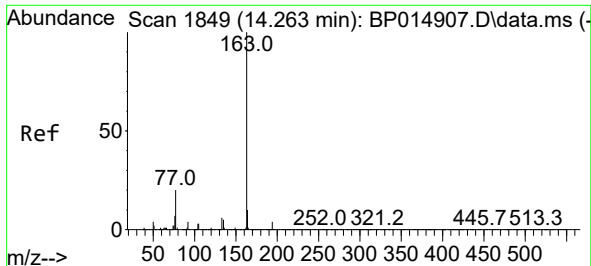
Tgt Ion:162 Resp: 680628
Ion Ratio Lower Upper
162 100
164 32.5 25.6 38.4
127 36.9 30.3 45.5



#45
2-Nitroaniline
Concen: 22.017 ng/ul
RT: 13.898 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

Tgt Ion: 65 Resp: 147926
Ion Ratio Lower Upper
65 100
92 70.6 58.6 87.8
138 106.9 84.8 127.2

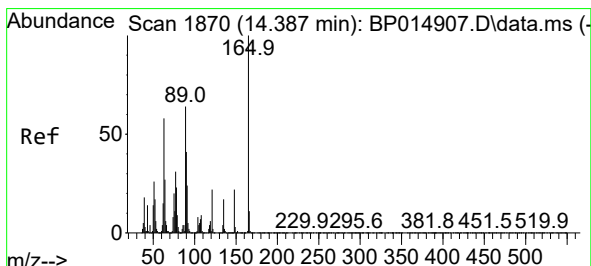
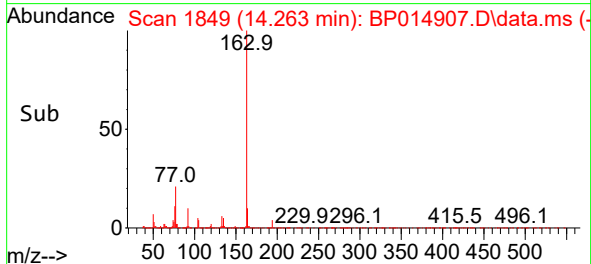
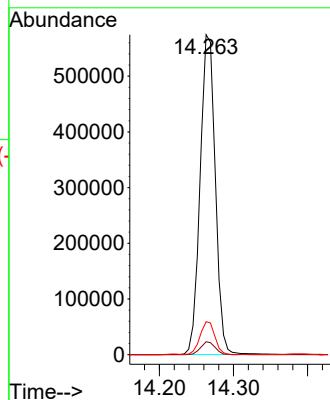
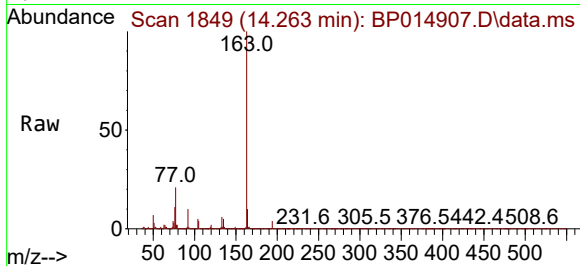




#47
Dimethylphthalate
Concen: 22.681 ng/ul
RT: 14.263 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

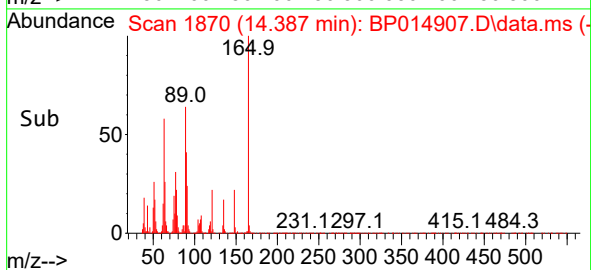
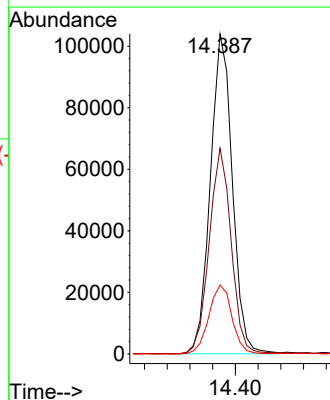
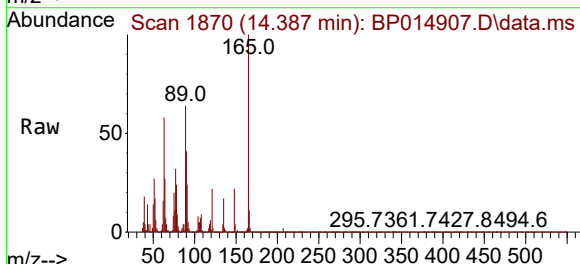
Instrument :
BNA_P
ClientSampleId :
SSTD020692

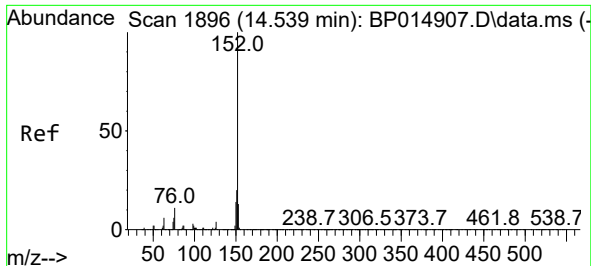
Tgt Ion:163 Resp: 817803
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 21.514 ng/ul
RT: 14.387 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

Tgt Ion:165 Resp: 139743
Ion Ratio Lower Upper
165 100
89 64.2 45.2 67.8
121 21.6 16.3 24.5

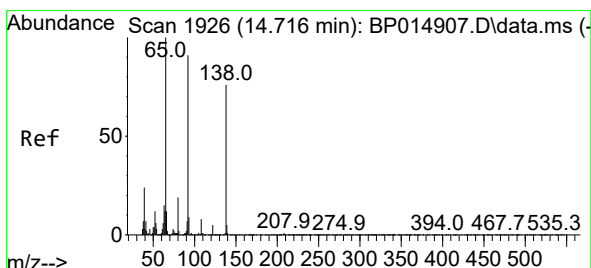
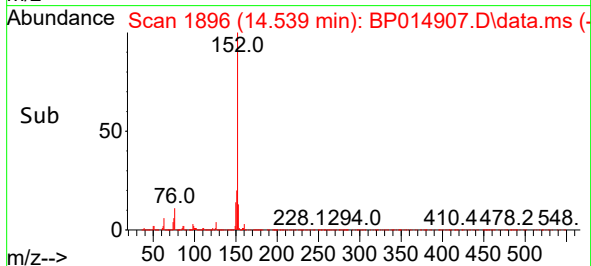
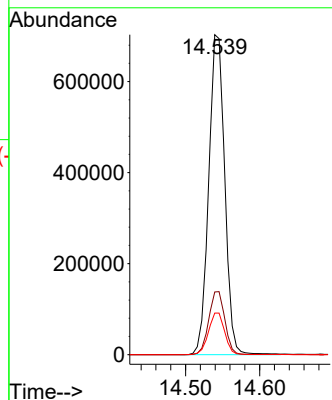
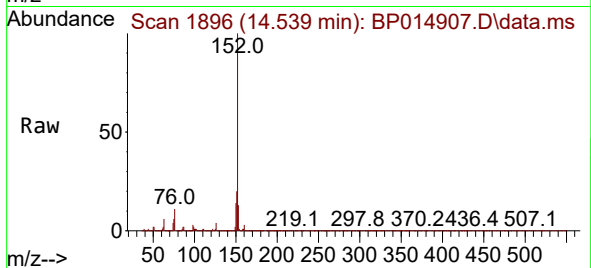




#50
Acenaphthylene
Concen: 22.693 ng/ul
RT: 14.539 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

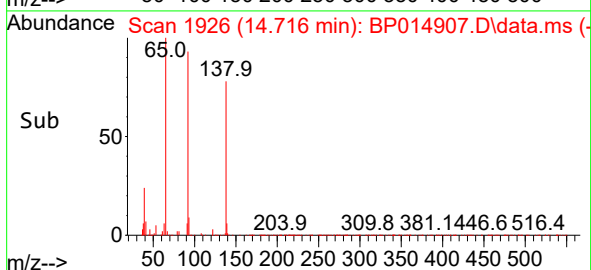
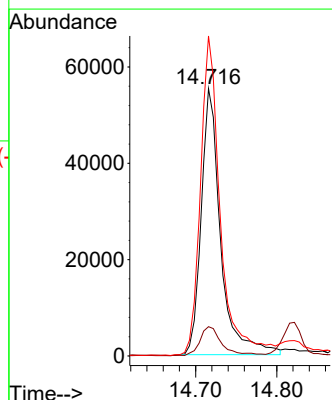
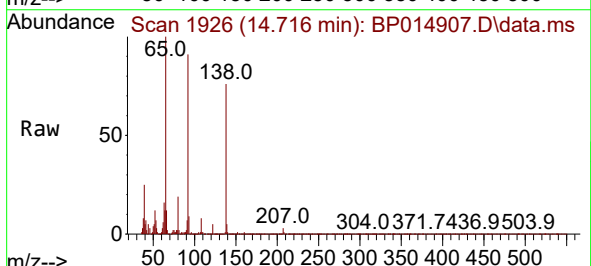
Instrument :
BNA_P
ClientSampleId :
SSTD020692

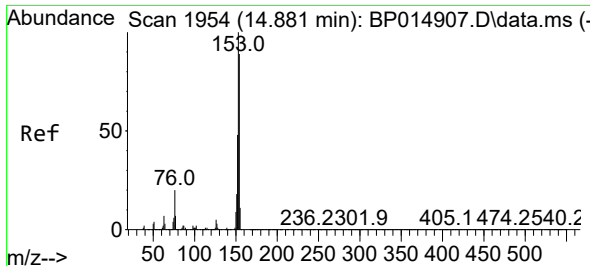
Tgt Ion:152 Resp: 1056908
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.0 10.6 15.8



#51
3-Nitroaniline
Concen: 17.416 ng/ul
RT: 14.716 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

Tgt Ion:138 Resp: 91711
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 119.7 94.2 141.4

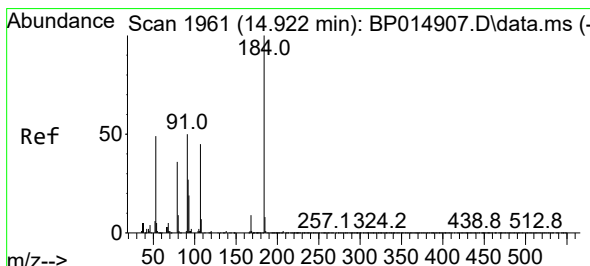
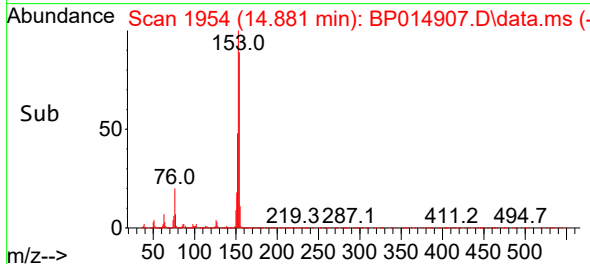
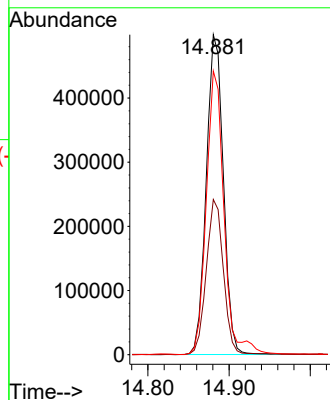
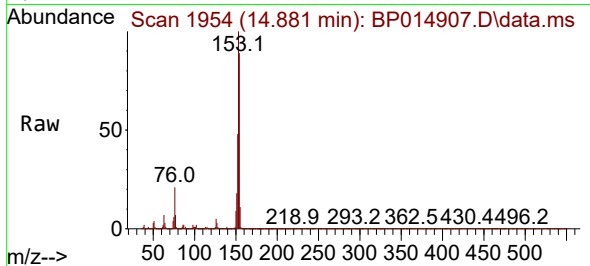




#52
Acenaphthene
Concen: 22.663 ng/ul
RT: 14.881 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

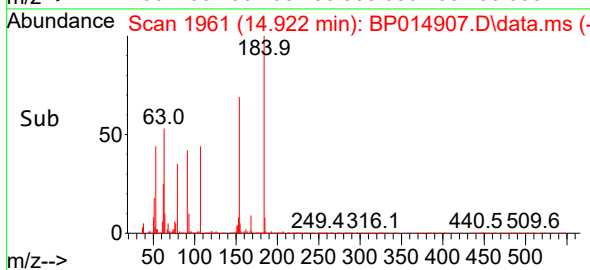
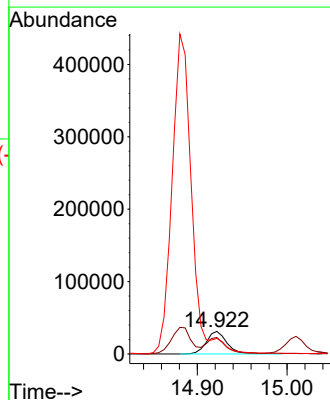
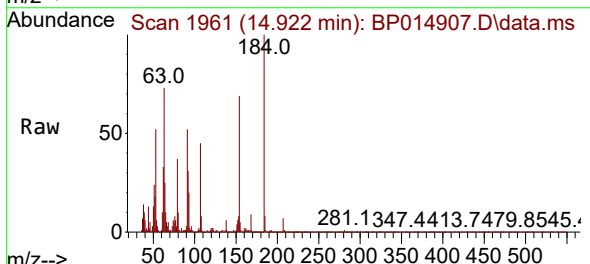
Instrument :
BNA_P
ClientSampleId :
SSTD020692

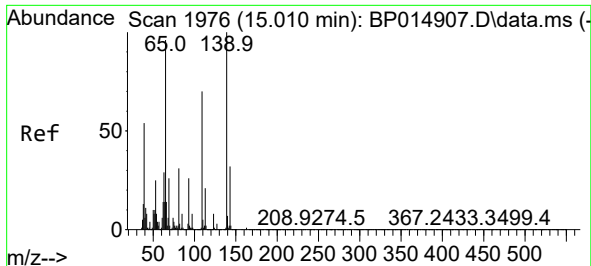
Tgt Ion:153 Resp: 727531
Ion Ratio Lower Upper
153 100
152 48.5 38.5 57.7
154 88.6 69.4 104.2



#53
2,4-Dinitrophenol
Concen: 20.588 ng/ul
RT: 14.922 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

Tgt Ion:184 Resp: 50516
Ion Ratio Lower Upper
184 100
63 73.1 57.6 86.4
154 68.7 54.6 82.0

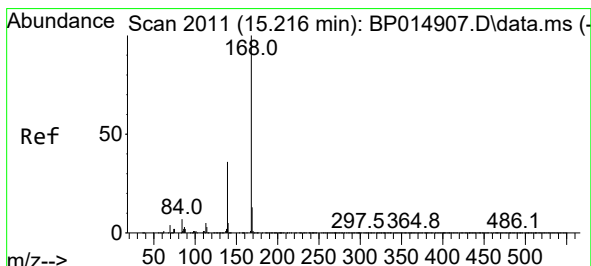
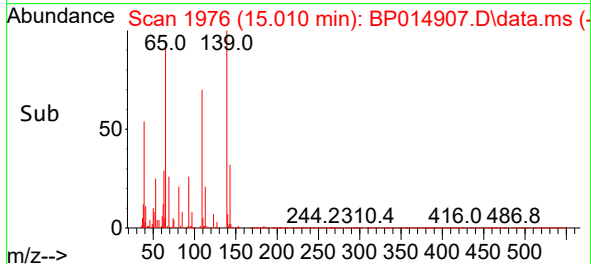
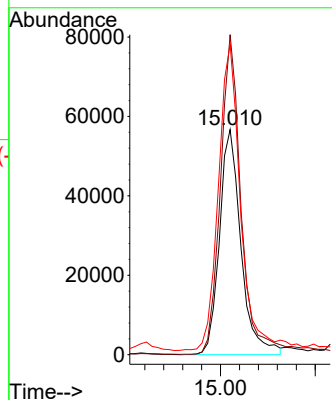
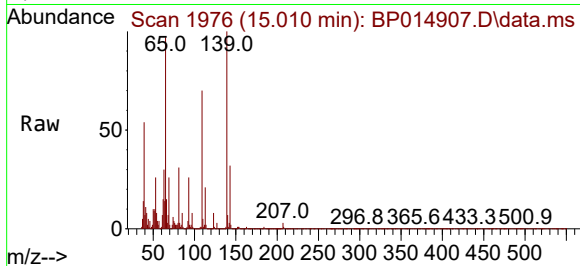




#55
4-Nitrophenol
Concen: 22.763 ng/ul
RT: 15.010 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

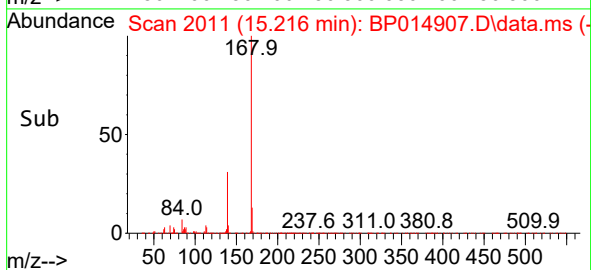
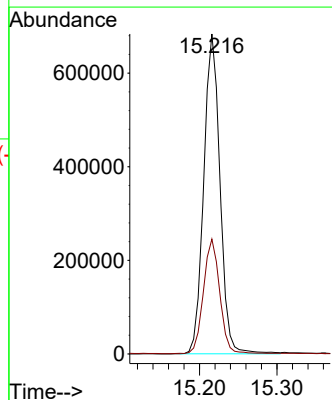
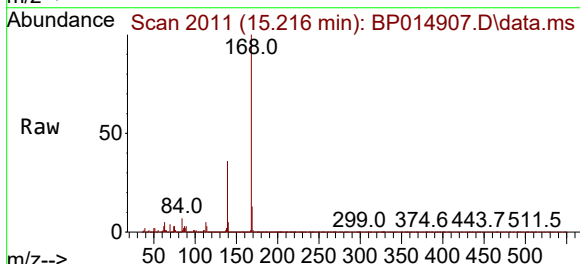
Instrument :
BNA_P
ClientSampleId :
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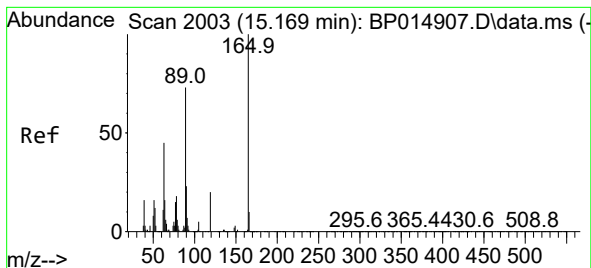
Tgt Ion:109 Resp: 89339
Ion Ratio Lower Upper
109 100
139 142.2 107.8 161.8
65 138.0 108.6 162.8



#56
Dibenzofuran
Concen: 22.535 ng/ul
RT: 15.216 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

Tgt Ion:168 Resp: 997138
Ion Ratio Lower Upper
168 100
139 35.9 27.8 41.8

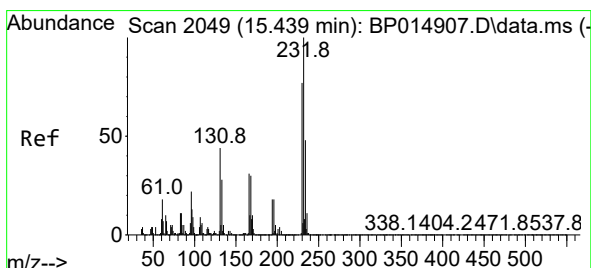
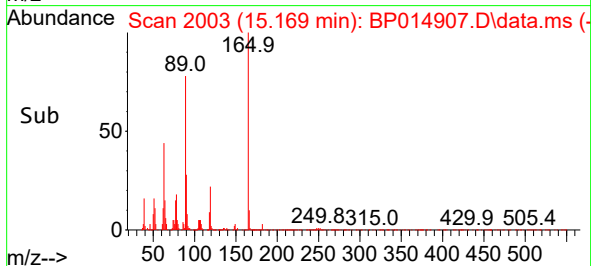
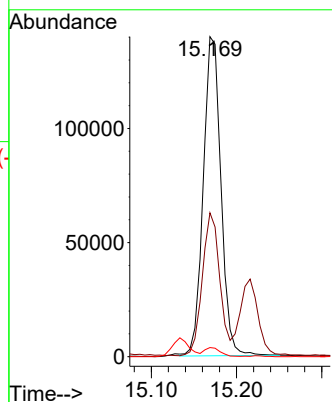
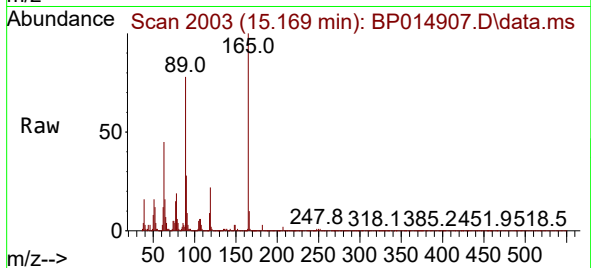




#57
2,4-Dinitrotoluene
Concen: 22.554 ng/ul
RT: 15.169 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

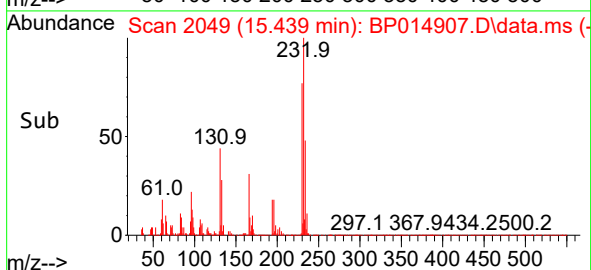
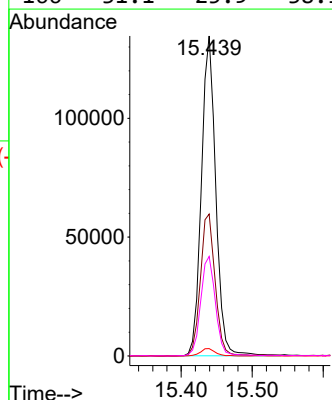
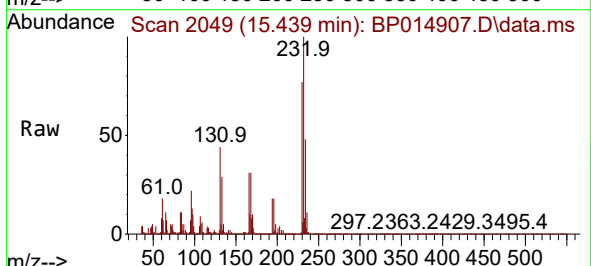
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BNA_P
ClientSampleId :
SSTD020692

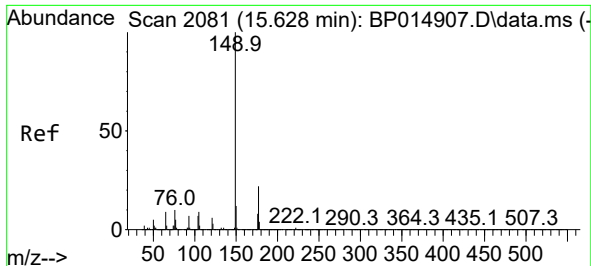
Tgt Ion:165 Resp: 201946
Ion Ratio Lower Upper
165 100
63 45.0 33.9 50.9
182 2.8 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 25.010 ng/ul
RT: 15.439 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

Tgt Ion:232 Resp: 190186
Ion Ratio Lower Upper
232 100
131 44.4 34.4 51.6
130 2.3 1.8 2.6
166 31.1 25.9 38.9

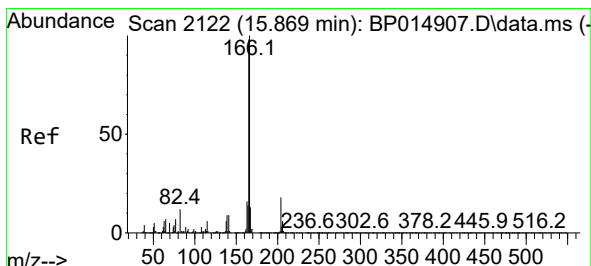
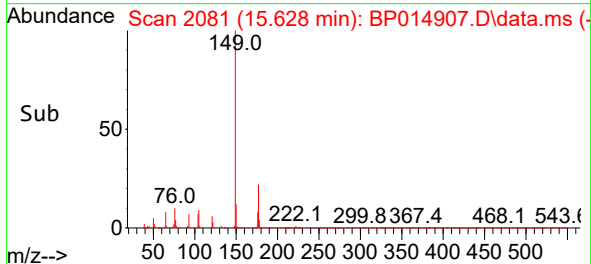
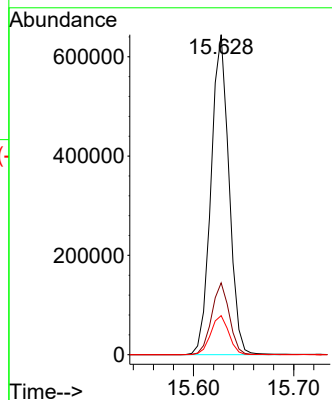
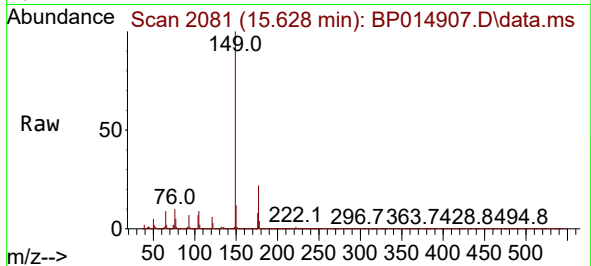




#59
Diethylphthalate
Concen: 22.815 ng/ul
RT: 15.628 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

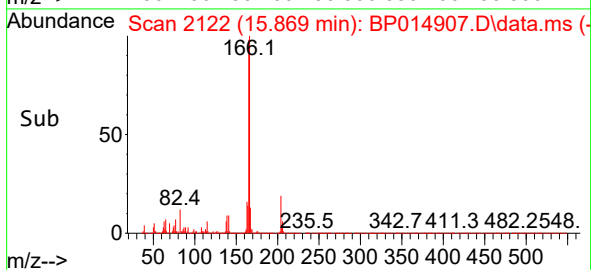
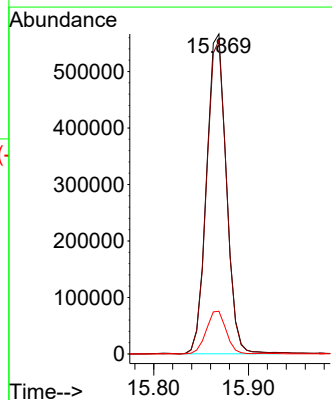
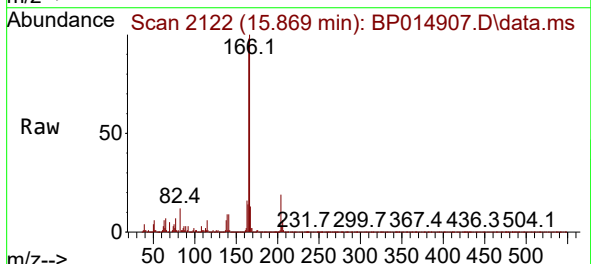
Instrument :
BNA_P
ClientSampleId :
SSTD020692

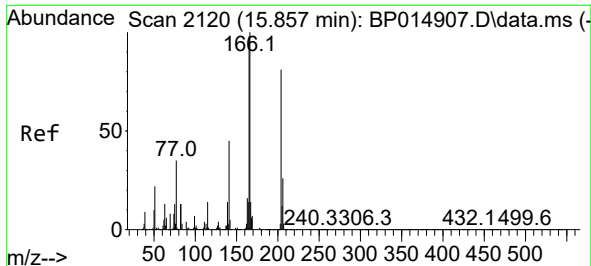
Tgt Ion:149 Resp: 802262
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.2 9.8 14.8



#61
Fluorene
Concen: 23.204 ng/ul
RT: 15.869 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

Tgt Ion:166 Resp: 820866
Ion Ratio Lower Upper
166 100
165 98.0 79.8 119.6
167 13.4 11.0 16.6

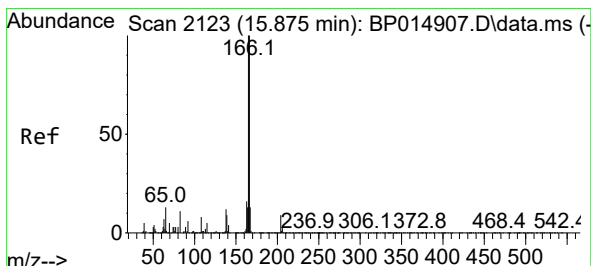
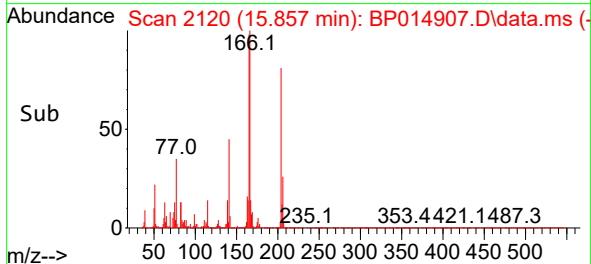
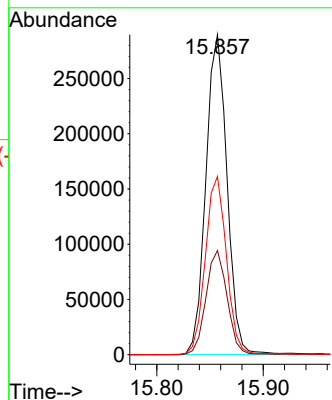
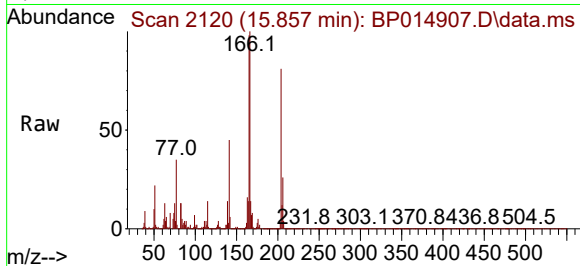




#62
4-Chlorophenyl-phenylether
Concen: 22.326 ng/ul
RT: 15.857 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

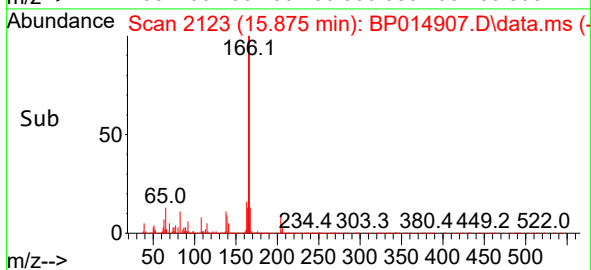
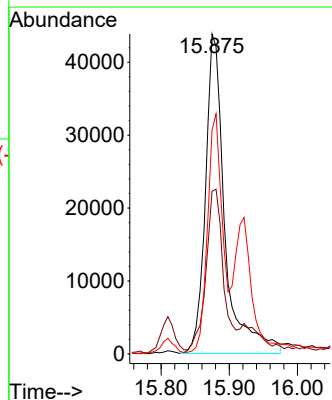
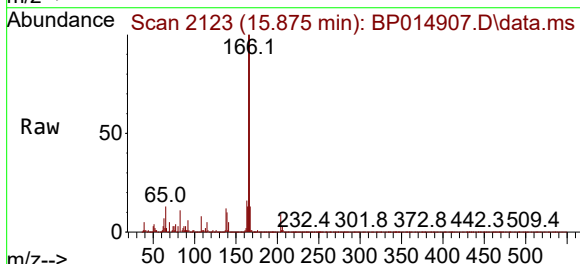
Instrument :
BNA_P
ClientSampleId :
SSTD020692

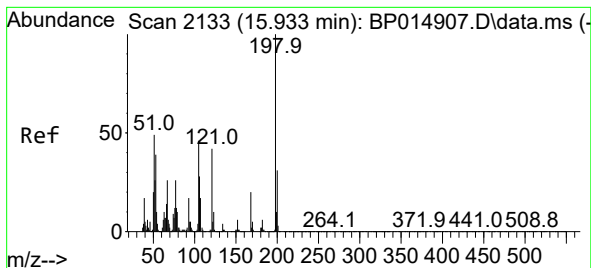
Tgt Ion:204 Resp: 399142
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 55.7 44.6 67.0



#63
4-Nitroaniline
Concen: 20.820 ng/ul
RT: 15.875 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

Tgt Ion:138 Resp: 87544
Ion Ratio Lower Upper
138 100
92 50.8 44.2 66.2
108 70.0 60.1 90.1

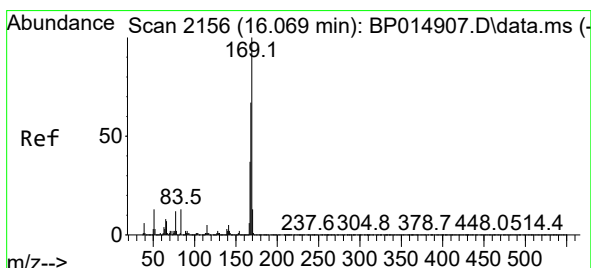
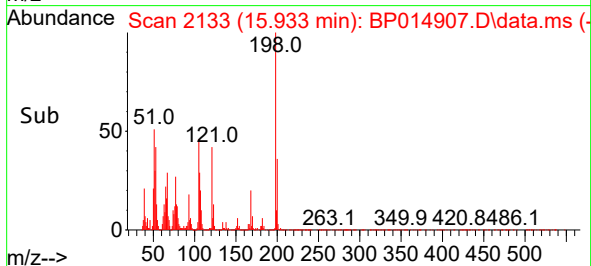
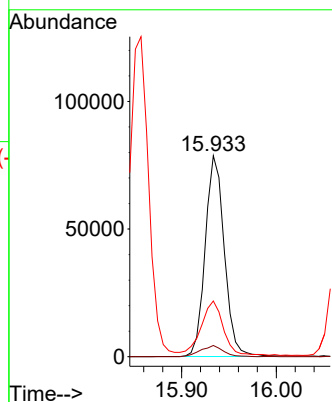
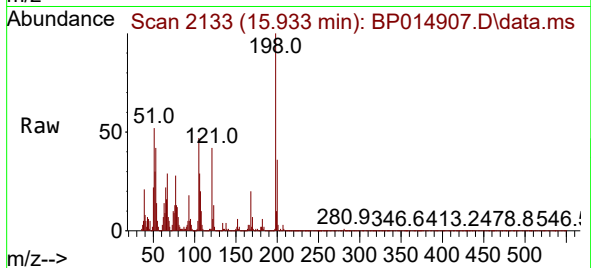




#66
4,6-Dinitro-2-methylphenol
Concen: 25.293 ng/ul
RT: 15.933 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

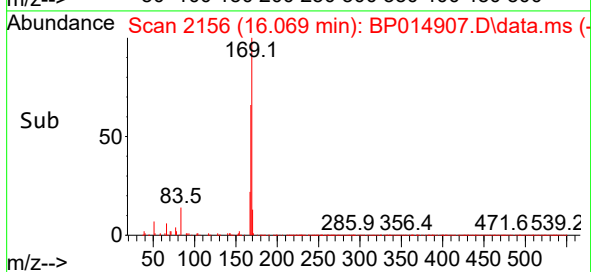
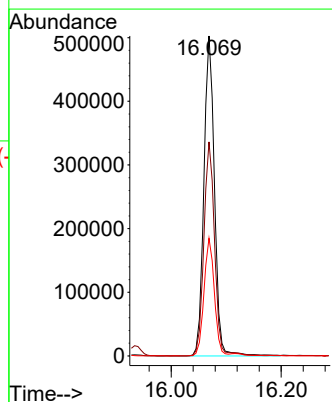
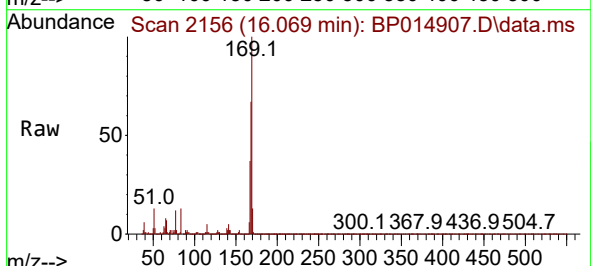
Instrument :
BNA_P
ClientSampleId :
SSTD020692

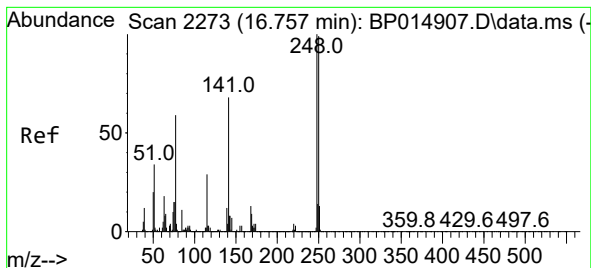
Tgt Ion:198 Resp: 110598
Ion Ratio Lower Upper
198 100
182 5.6 4.2 6.2
77 27.7 20.4 30.6



#67
N-Nitrosodiphenylamine
Concen: 22.814 ng/ul
RT: 16.069 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

Tgt Ion:169 Resp: 671725
Ion Ratio Lower Upper
169 100
168 66.9 53.1 79.7
167 36.8 29.9 44.9

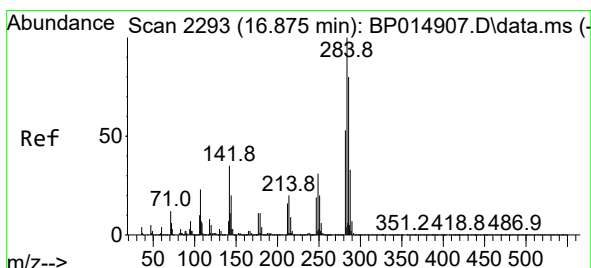
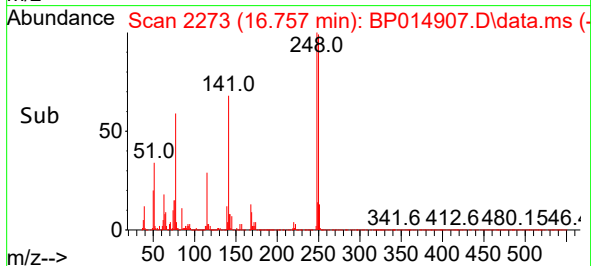
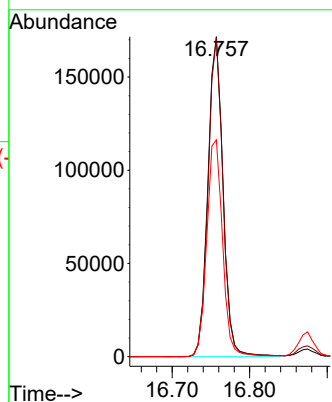
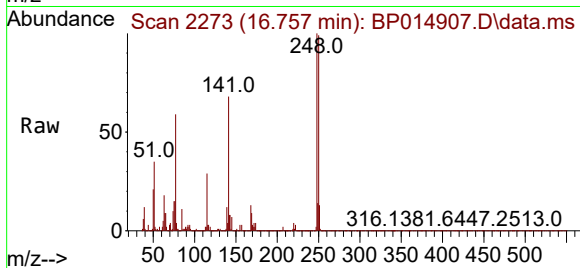




#68
4-Bromophenyl-phenylether
Concen: 21.503 ng/ul
RT: 16.757 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

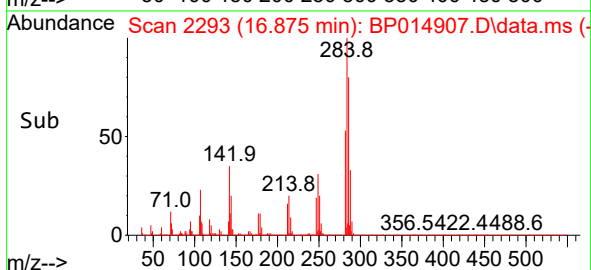
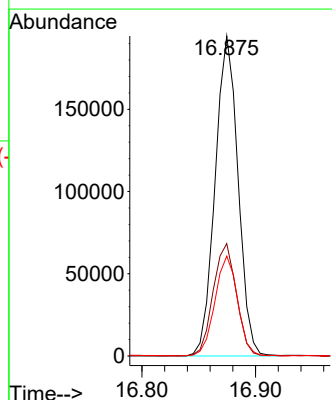
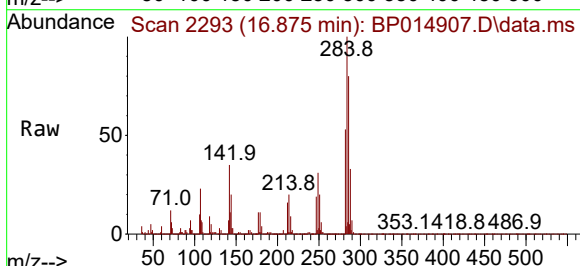
Instrument :
BNA_P
ClientSampleId :
SSTD020692

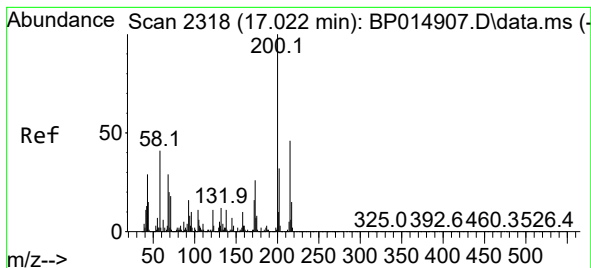
Tgt Ion:248 Resp: 233479
Ion Ratio Lower Upper
248 100
250 99.5 77.3 115.9
141 67.7 55.0 82.6



#69
Hexachlorobenzene
Concen: 21.326 ng/ul
RT: 16.875 min Scan# 2293
Delta R.T. -0.000 min
Lab File: BP014907.D
Acq: 01 May 2023 10:37

Tgt Ion:284 Resp: 272943
Ion Ratio Lower Upper
284 100
142 35.1 27.6 41.4
249 31.2 24.4 36.6





#70

Atrazine

Concen: 21.252 ng/ul

RT: 17.022 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

Instrument :

BNA_P

ClientSampleId :

SSTD020692

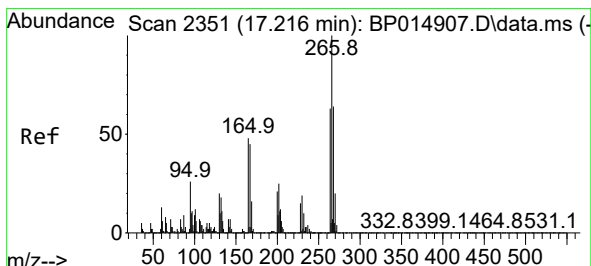
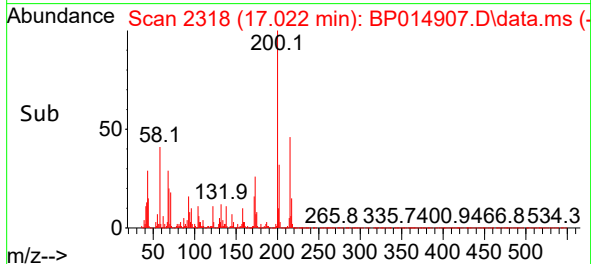
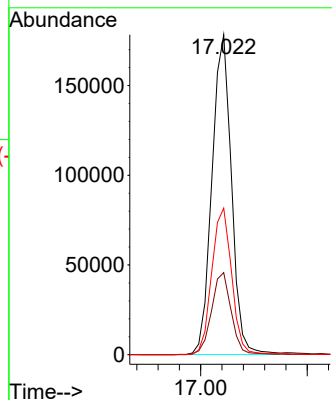
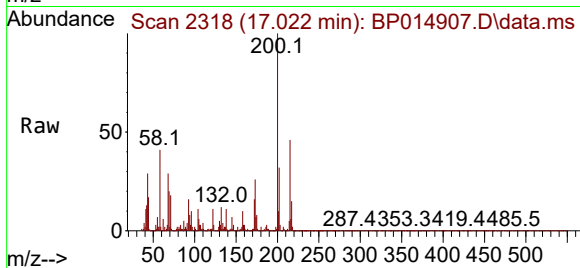
Tgt Ion:200 Resp: 226525

Ion Ratio Lower Upper

200 100

173 25.7 21.0 31.4

215 45.8 38.0 57.0



#71

Pentachlorophenol

Concen: 25.598 ng/ul

RT: 17.216 min Scan# 2351

Delta R.T. -0.006 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

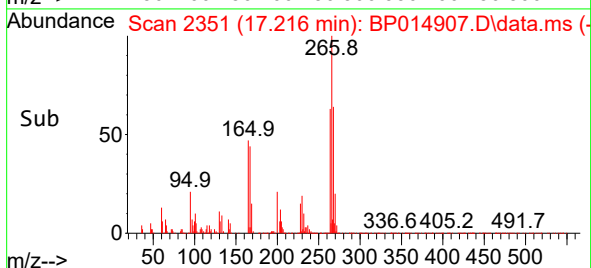
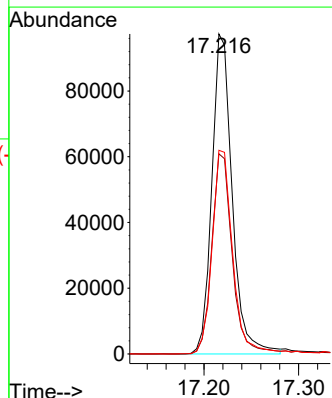
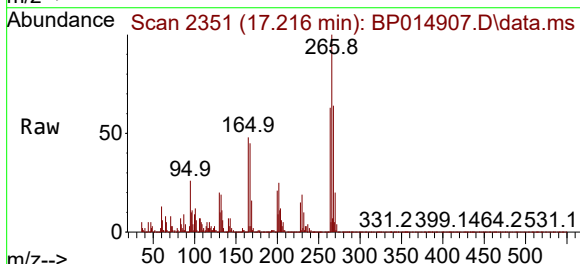
Tgt Ion:266 Resp: 144996

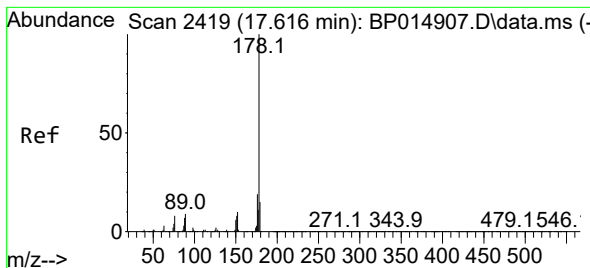
Ion Ratio Lower Upper

266 100

264 62.6 47.8 71.6

268 63.7 51.1 76.7





#72

Phenanthrene

Concen: 22.550 ng/ul

RT: 17.616 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

Instrument :

BNA_P

ClientSampleId :

SSTD020692

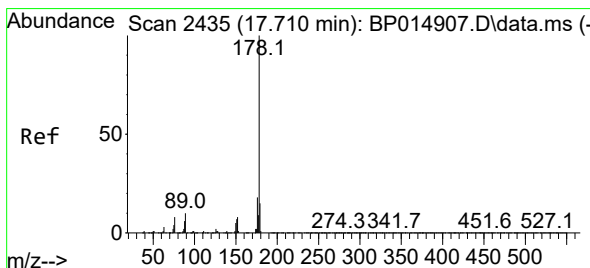
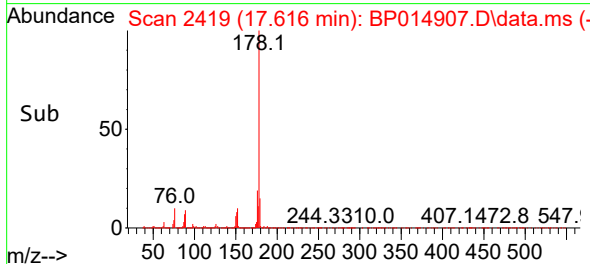
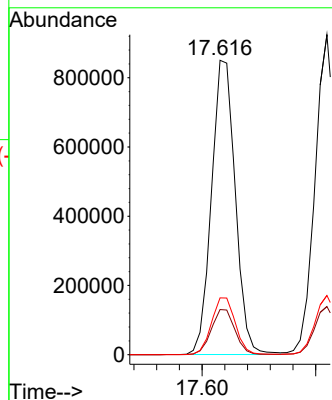
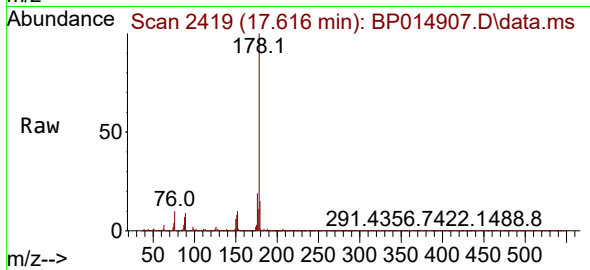
Tgt Ion:178 Resp: 1237613

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 19.3 15.2 22.8



#74

Anthracene

Concen: 23.399 ng/ul

RT: 17.710 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

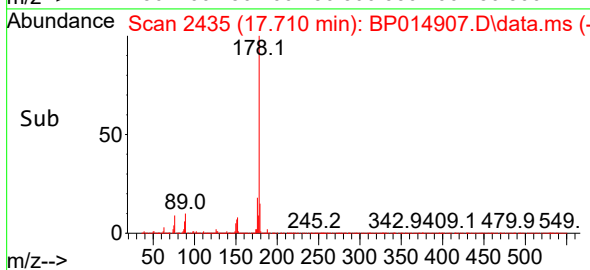
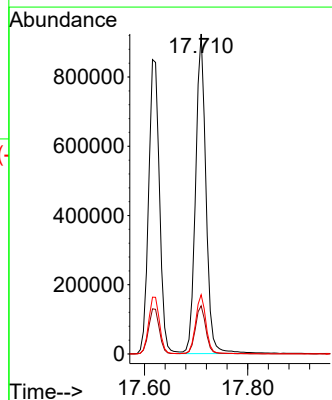
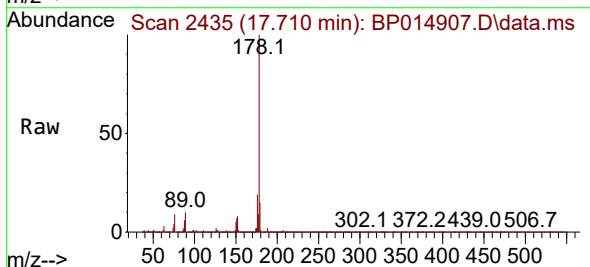
Tgt Ion:178 Resp: 1286499

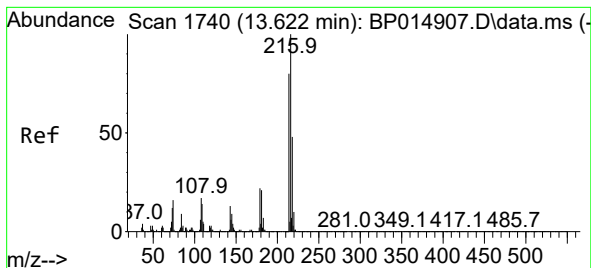
Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

176 18.5 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.338 ng/uL

RT: 13.622 min Scan# 1740

Delta R.T. -0.006 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

Instrument :

BNA_P

ClientSampleId :

SSTD020692

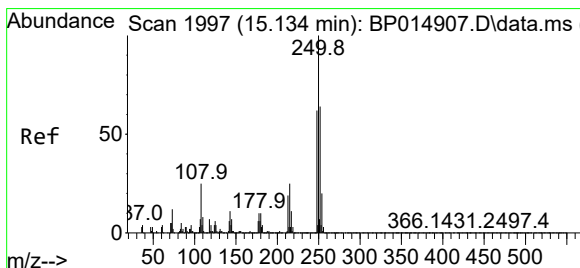
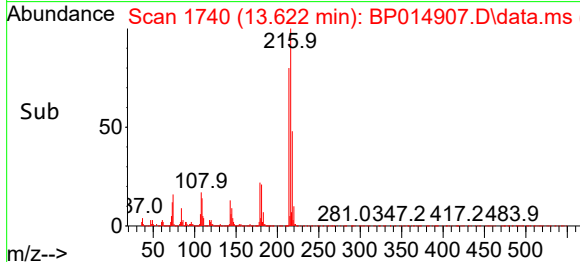
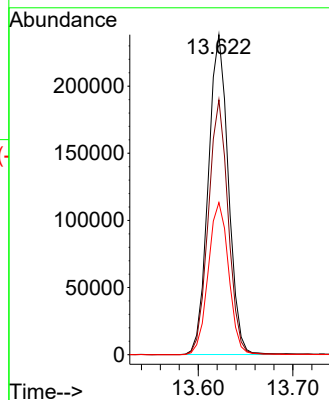
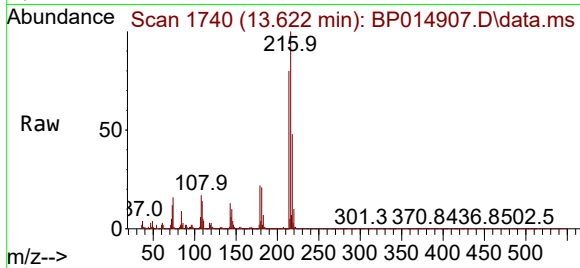
Tgt Ion:216 Resp: 350737

Ion Ratio Lower Upper

216 100

214 79.6 62.1 93.1

218 47.6 38.6 58.0



#76

Pentachlorobenzene

Concen: 21.392 ng/uL

RT: 15.134 min Scan# 1997

Delta R.T. -0.006 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

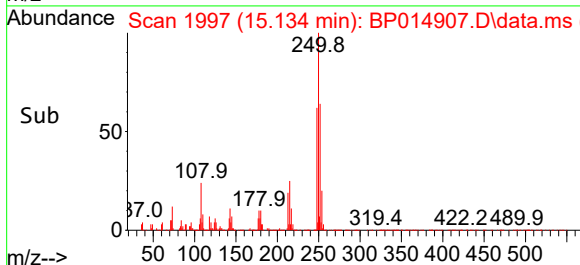
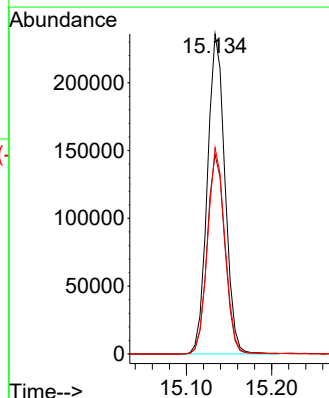
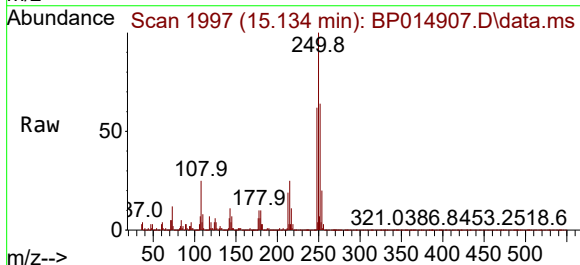
Tgt Ion:250 Resp: 337542

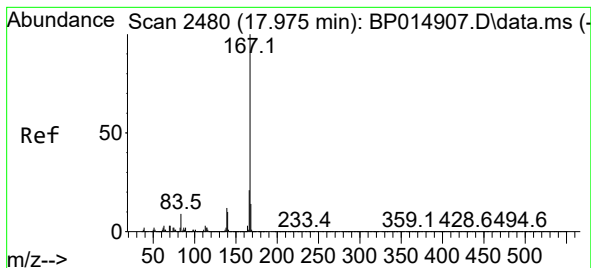
Ion Ratio Lower Upper

250 100

248 62.3 50.5 75.7

252 64.5 52.3 78.5





#77

Carbazole

Concen: 22.458 ng/ul

RT: 17.975 min Scan# 2480

Delta R.T. -0.000 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

Instrument :

BNA_P

ClientSampleId :

SSTD020692

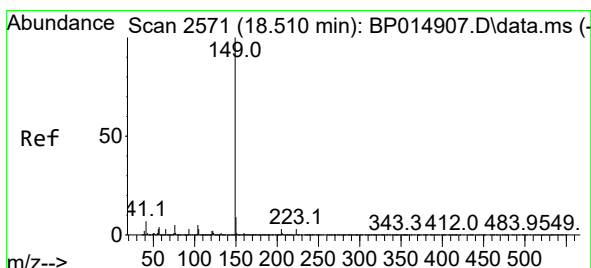
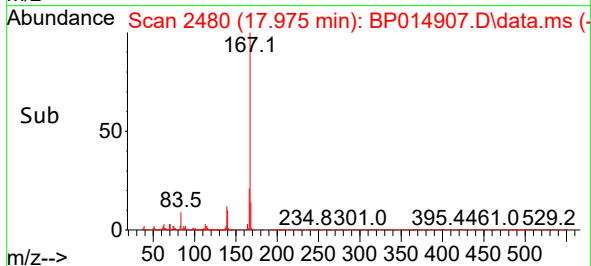
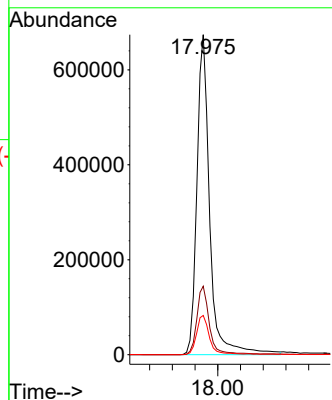
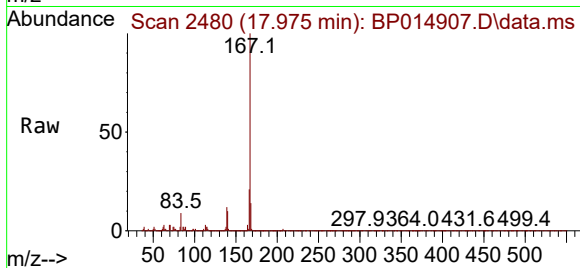
Tgt Ion:167 Resp: 1053233

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 12.3 10.2 15.2



#78

Di-n-butylphthalate

Concen: 21.965 ng/ul

RT: 18.510 min Scan# 2571

Delta R.T. -0.000 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

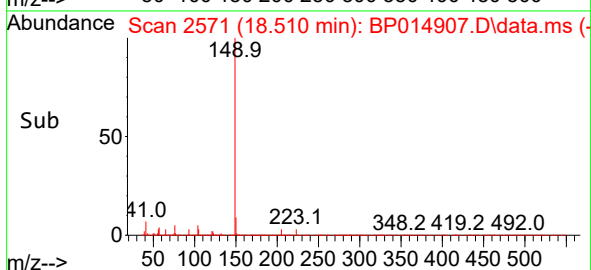
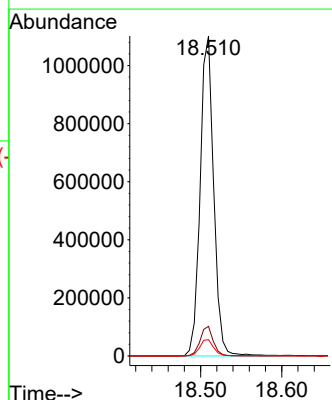
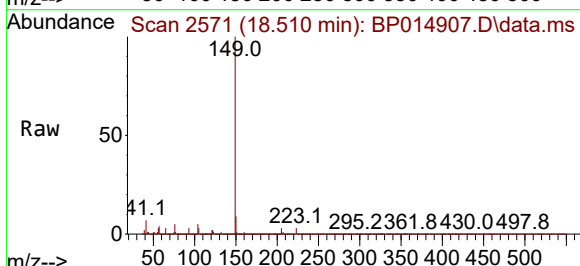
Tgt Ion:149 Resp: 1277936

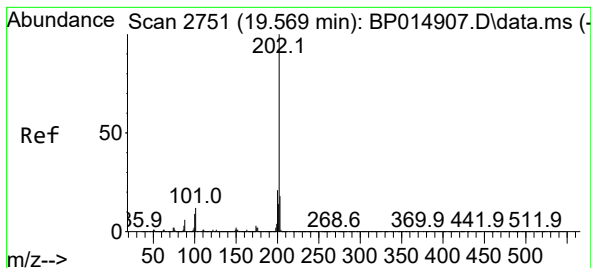
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.1 4.0 6.0





#80

Fluoranthene

Concen: 21.861 ng/ul

RT: 19.569 min Scan# 2751

Delta R.T. -0.000 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

Instrument :

BNA_P

ClientSampleId :

SSTD020692

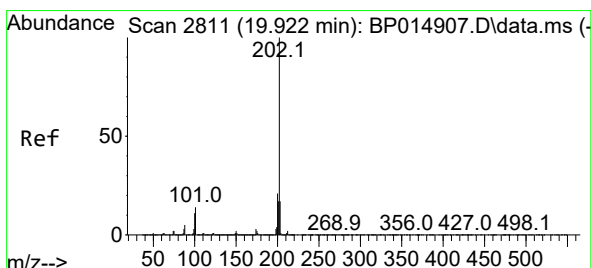
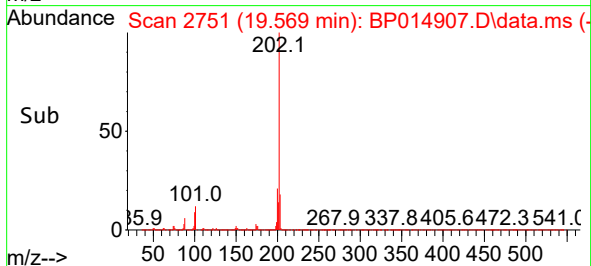
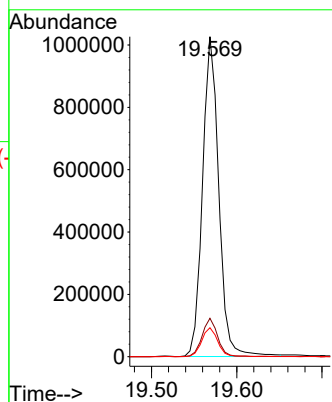
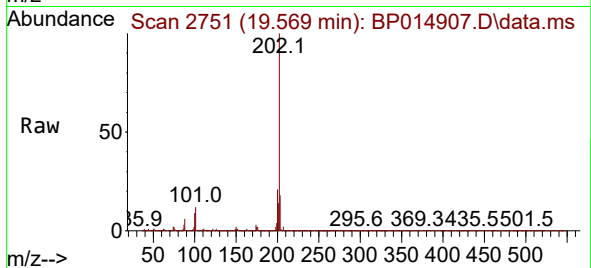
Tgt Ion:202 Resp: 1359561

Ion Ratio Lower Upper

202 100

101 12.0 9.4 14.2

100 9.1 7.3 10.9



#82

Pyrene

Concen: 22.403 ng/ul

RT: 19.922 min Scan# 2811

Delta R.T. -0.000 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

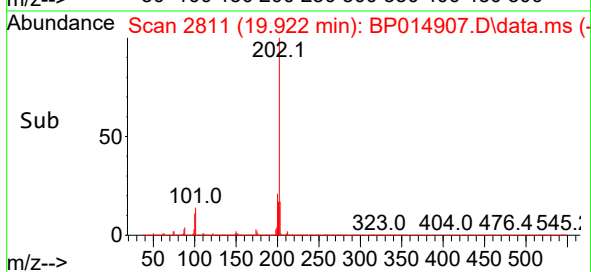
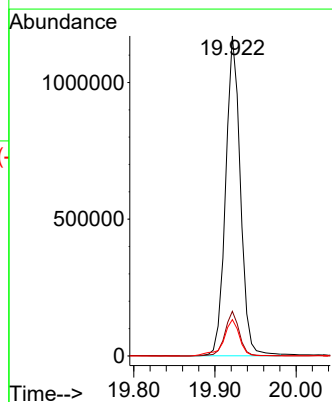
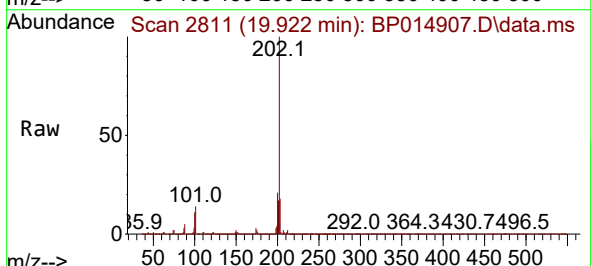
Tgt Ion:202 Resp: 1480725

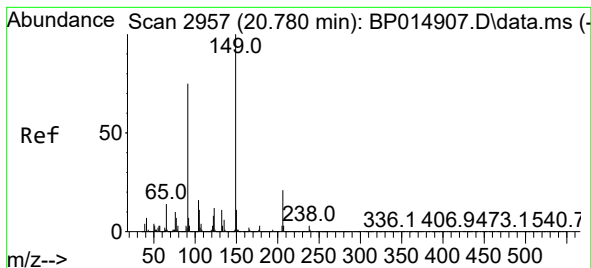
Ion Ratio Lower Upper

202 100

101 13.9 10.9 16.3

100 11.3 8.6 12.8





#83

Butylbenzylphthalate

Concen: 20.702 ng/ul

RT: 20.780 min Scan# 2957

Delta R.T. -0.000 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

Instrument :

BNA_P

ClientSampleId :

SSTD020692

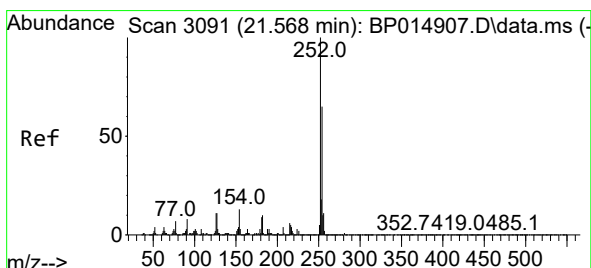
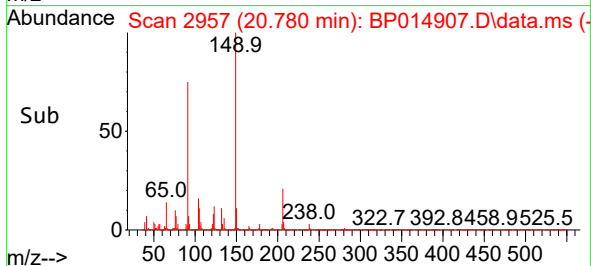
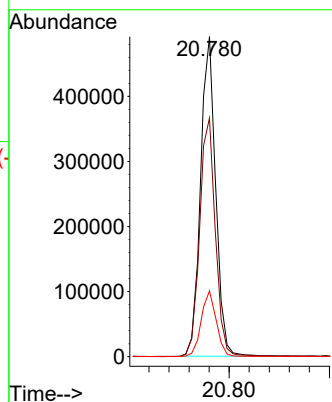
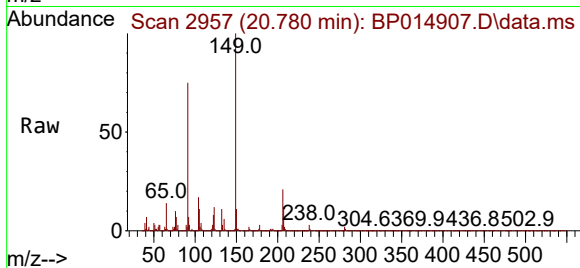
Tgt Ion:149 Resp: 514959

Ion Ratio Lower Upper

149 100

91 74.6 58.3 87.5

206 20.6 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 20.023 ng/ul

RT: 21.568 min Scan# 3091

Delta R.T. -0.000 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

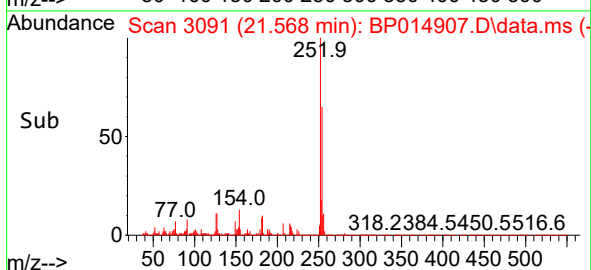
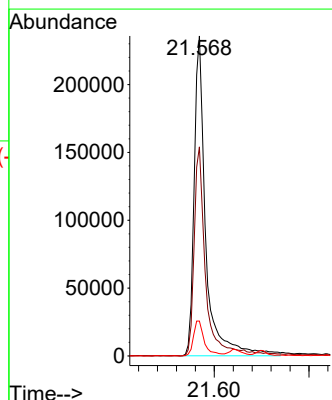
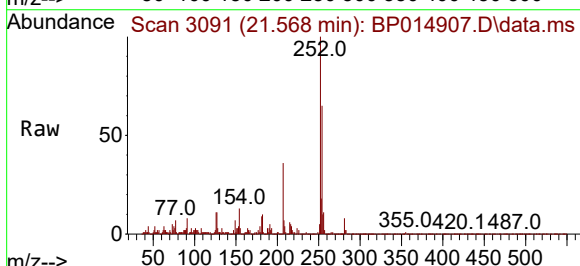
Tgt Ion:252 Resp: 402178

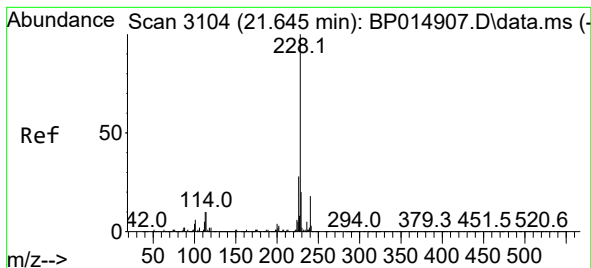
Ion Ratio Lower Upper

252 100

254 65.3 52.6 78.8

126 10.9 8.9 13.3





#85

Benzo(a)anthracene

Concen: 21.882 ng/ul

RT: 21.645 min Scan# 3104

Delta R.T. -0.000 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

Instrument :

BNA_P

ClientSampleId :

SSTD020692

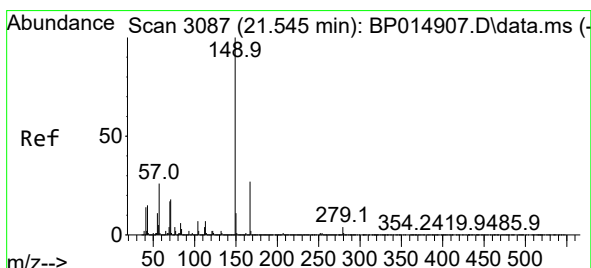
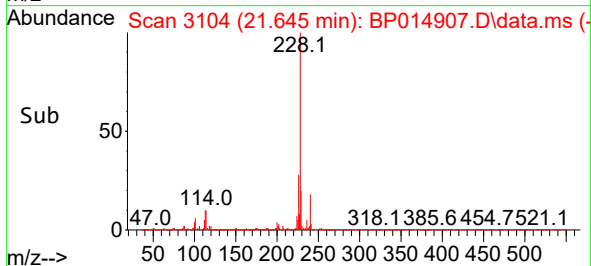
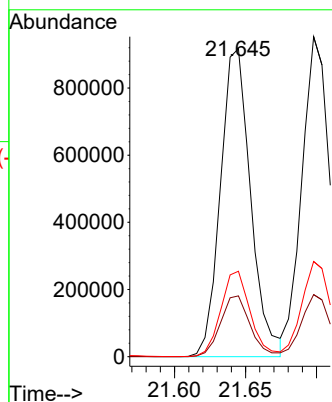
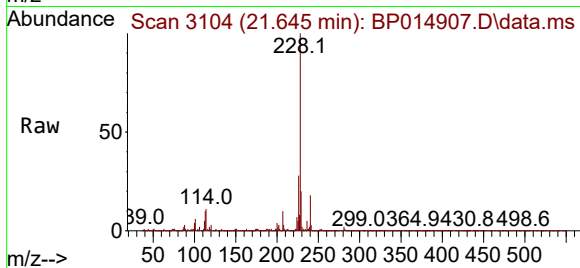
Tgt Ion:228 Resp: 1358288

Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.6

226 27.7 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.390 ng/ul

RT: 21.545 min Scan# 3087

Delta R.T. -0.000 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

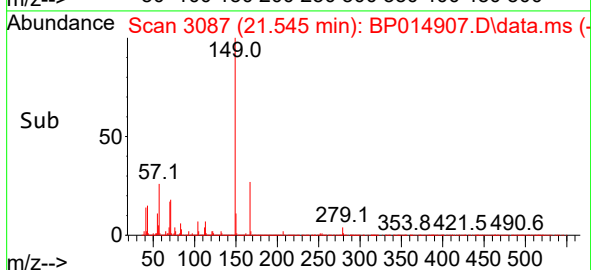
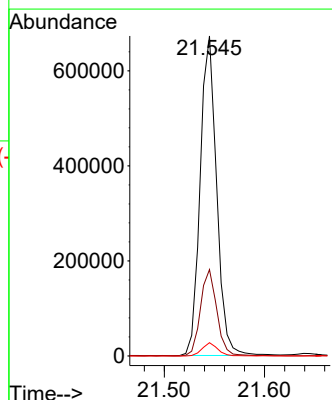
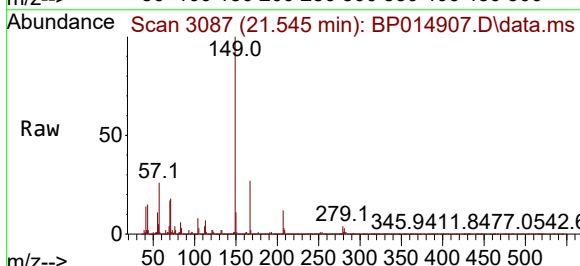
Tgt Ion:149 Resp: 768846

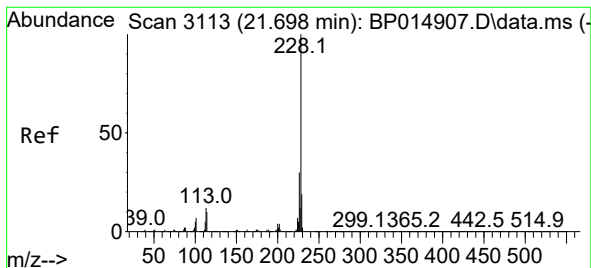
Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.2

279 4.1 3.4 5.0





#87

Chrysene

Concen: 22.399 ng/ul

RT: 21.698 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

Instrument :

BNA_P

ClientSampleId :

SSTD020692

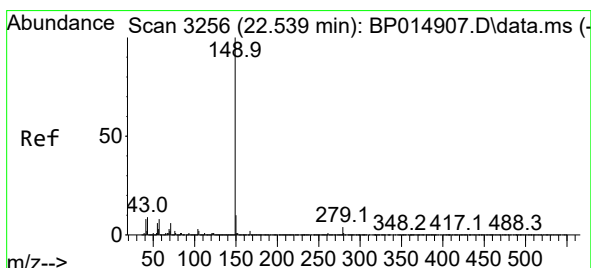
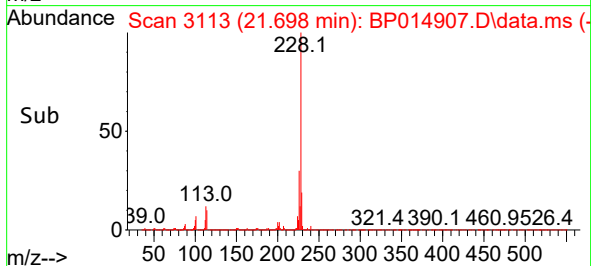
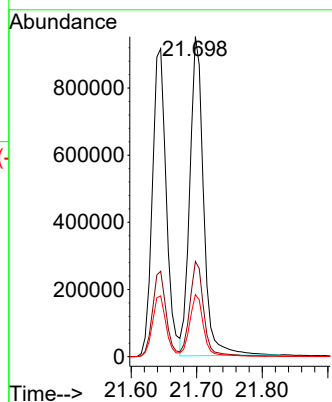
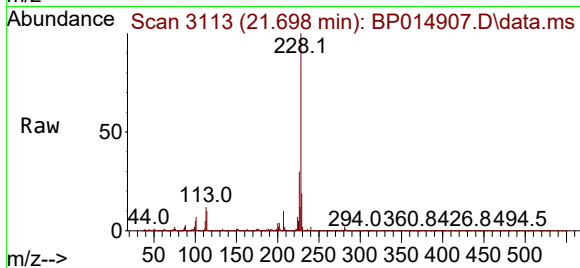
Tgt Ion:228 Resp: 1383794

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

229 19.4 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 20.326 ng/ul

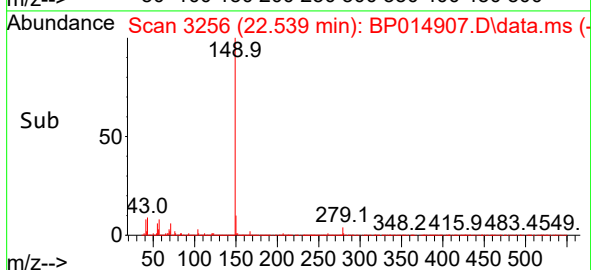
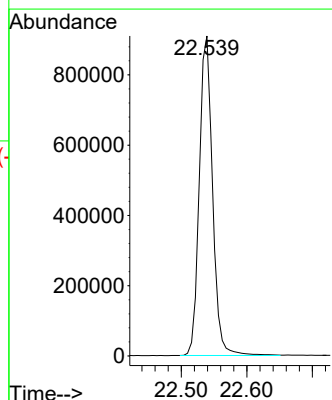
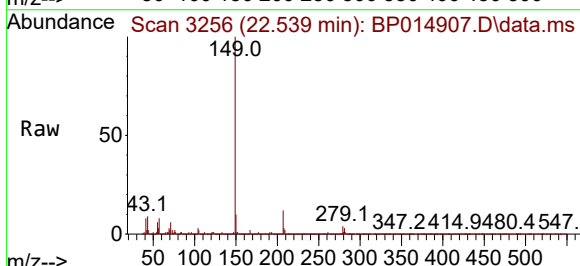
RT: 22.539 min Scan# 3256

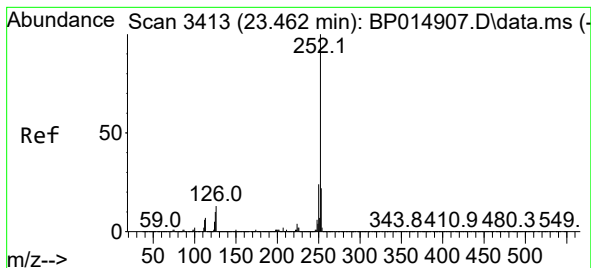
Delta R.T. -0.000 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

Tgt Ion:149 Resp: 1285132





#90

Benzo(b)fluoranthene

Concen: 21.761 ng/ul

RT: 23.462 min Scan# 3413

Delta R.T. -0.000 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

Instrument :

BNA_P

ClientSampleId :

SSTD020692

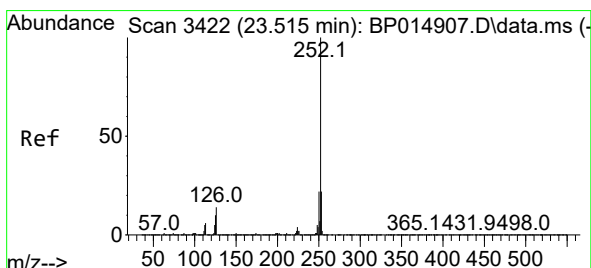
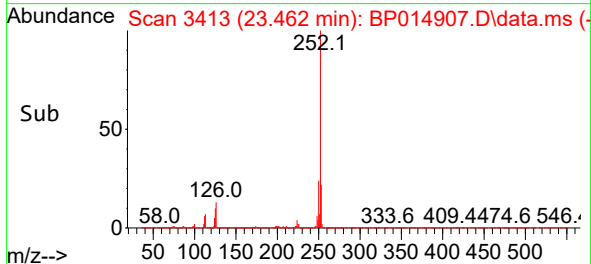
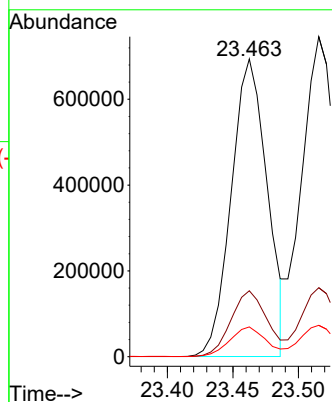
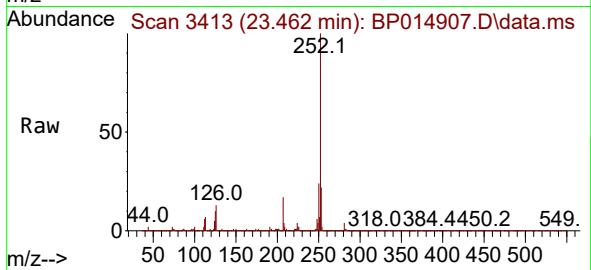
Tgt Ion:252 Resp: 1320103

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.0 8.1 12.1



#91

Benzo(k)fluoranthene

Concen: 22.522 ng/ul

RT: 23.515 min Scan# 3422

Delta R.T. -0.000 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

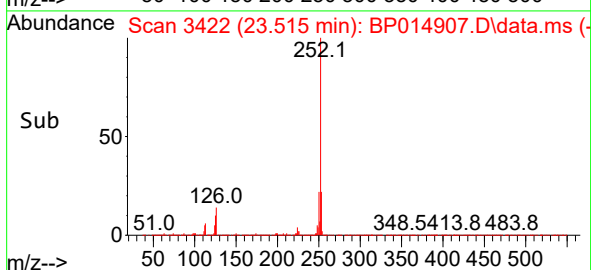
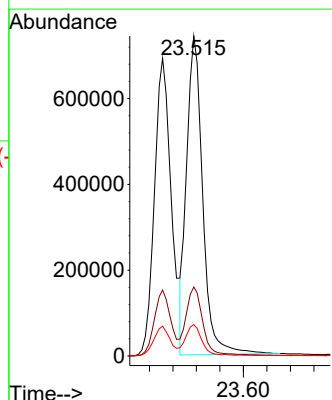
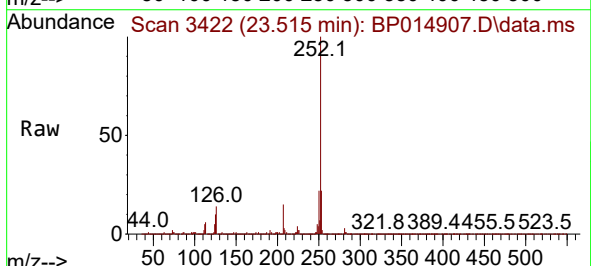
Tgt Ion:252 Resp: 1417447

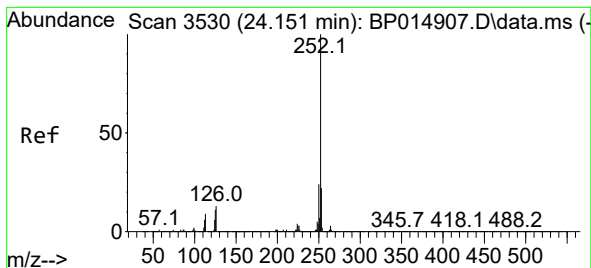
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.8 7.8 11.6





#93

Benzo(a)pyrene

Concen: 22.640 ng/ul

RT: 24.151 min Scan# 3530

Delta R.T. -0.000 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

Instrument :

BNA_P

ClientSampleId :

SSTD020692

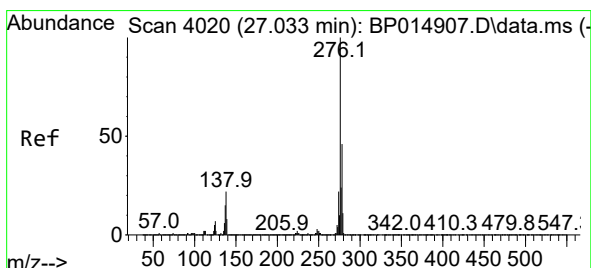
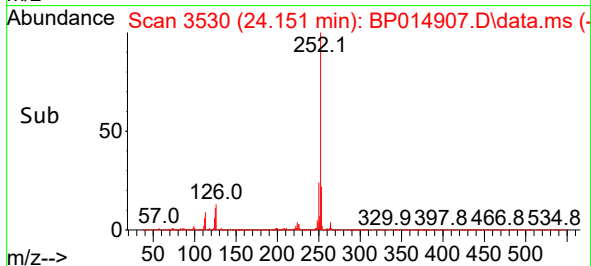
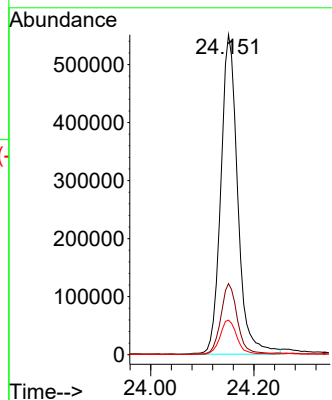
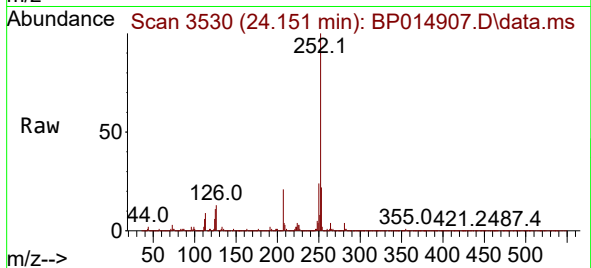
Tgt Ion:252 Resp: 1249059

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.8 8.4 12.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.959 ng/ul

RT: 27.033 min Scan# 4020

Delta R.T. -0.000 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

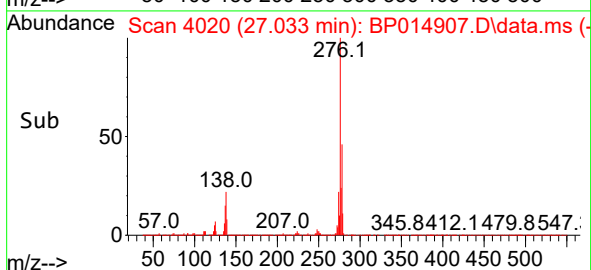
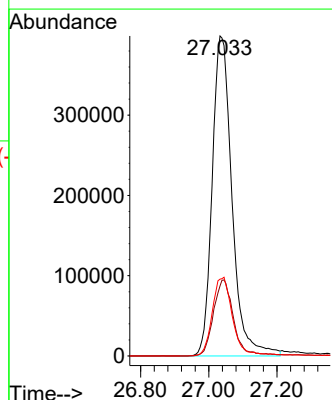
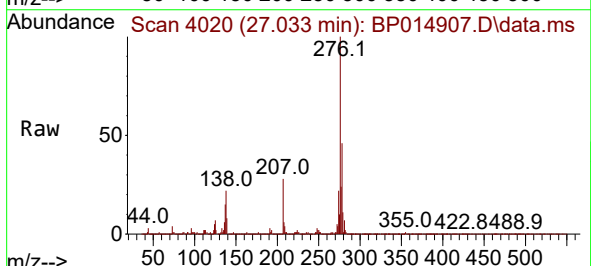
Tgt Ion:276 Resp: 1608833

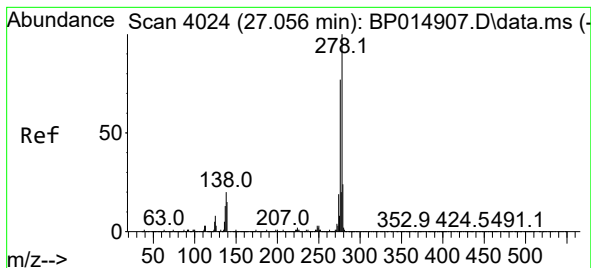
Ion Ratio Lower Upper

276 100

138 21.9 17.4 26.0

277 24.0 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 22.147 ng/ul

RT: 27.056 min Scan# 4024

Delta R.T. -0.000 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

Instrument :

BNA_P

ClientSampleId :

SSTD020692

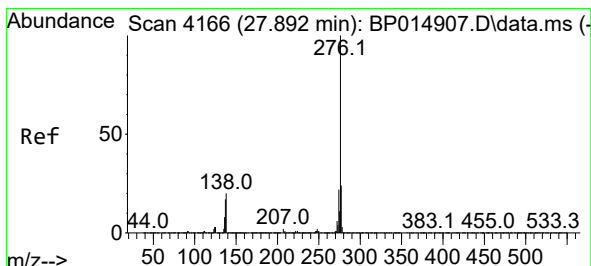
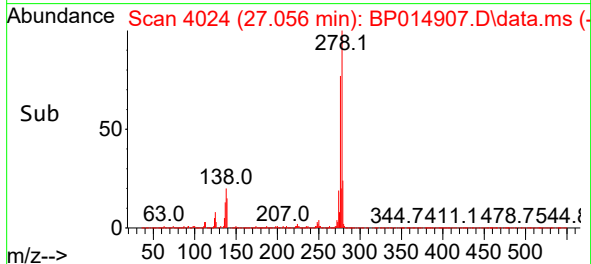
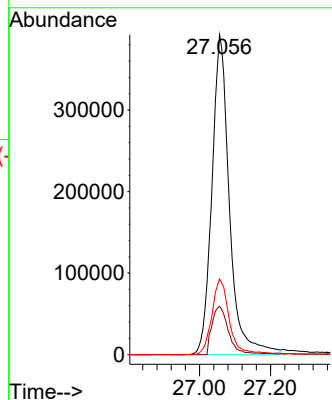
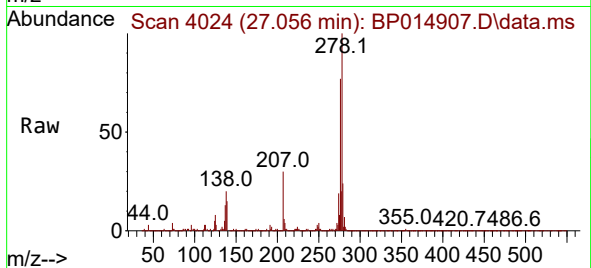
Tgt Ion:278 Resp: 1342003

Ion Ratio Lower Upper

278 100

139 15.1 12.1 18.1

279 23.6 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 21.855 ng/ul

RT: 27.892 min Scan# 4166

Delta R.T. -0.000 min

Lab File: BP014907.D

Acq: 01 May 2023 10:37

Tgt Ion:276 Resp: 1321546

Ion Ratio Lower Upper

276 100

138 20.1 15.8 23.6

277 23.8 19.0 28.6

