

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020123\
 Data File : BP013692.D
 Acq On : 01 Feb 2023 12:59
 Operator : CG/JU
 Sample : SSTD16028
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160608

Quant Time: Feb 02 00:18:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 00:14:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	293786	20.000	ng/u1	0.00
20) Naphthalene-d8	10.969	136	1243780	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	861644	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.534	188	2017659	20.000	ng/u1	0.00
79) Chrysene-d12	21.616	240	1803837	20.000	ng/u1	0.01
88) Perylene-d12	24.192	264	1902428	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.475	96	426912	61.609	ng/uL	0.00
4) Pyridine-d5	3.911	84	3214222	161.664	ng/u1	0.00
7) Phenol-d5	7.299	99	4173665	161.642	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.464	67	2301588	151.983	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	3109831	164.302	ng/u1	0.01
15) 4-Methylphenol-d8	8.863	113	3303680	160.499	ng/u1	0.02
21) Nitrobenzene-d5	9.328	128	1568037	197.625	ng/u1	0.02
24) 2-Nitrophenol-d4	10.052	143	1846688	199.713	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.593	165	3523703	162.958	ng/u1	0.01
31) 4-Chloroaniline-d4	11.116	131	4227840	148.041	ng/u1	0.02
46) Dimethylphthalate-d6	14.193	166	10051489	147.990	ng/u1	0.02
49) Acenaphthylene-d8	14.481	160	11082448	147.684	ng/u1	0.01
54) 4-Nitrophenol-d4	14.993	143	1903699	166.289	ng/u1	0.04
60) Fluorene-d10	15.775	176	8512837	145.410	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.904	200	2220478	196.384	ng/u1	0.03
73) Anthracene-d10	17.639	188	13443729	142.943	ng/u1	0.01
81) Pyrene-d10	19.851	212	15796519	157.012	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	15833871	163.040	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.511	88	449257	62.214	ng/uL	98
5) Pyridine	3.928	79	3164940	158.090	ng/u1	99
6) Benzaldehyde	7.269	77	1264784	121.949	ng/u1	98
8) Phenol	7.328	94	4171466	157.865	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.564	93	3198509	150.631	ng/u1	98
12) 2-Chlorophenol	7.705	128	3081934	160.719	ng/u1	99
13) 2-Methylphenol	8.587	108	3227758	159.985	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.675	45	3786043	150.595	ng/u1	98
16) Acetophenone	8.987	105	4755660	148.203	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.993	70	2343352	145.780	ng/u1	98
18) 4-Methylphenol	8.940	108	3470428	158.383	ng/u1	96
19) Hexachloroethane	9.234	117	1257477	167.532	ng/u1	92
22) Nitrobenzene	9.369	77	3744407	174.725	ng/u1	97
23) Isophorone	9.916	82	7448571	151.818	ng/u1	99
25) 2-Nitrophenol	10.081	139	1859915	181.791	ng/u1	98
26) 2,4-Dimethylphenol	10.140	107	3636809	157.326	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.381	93	4378192	147.244	ng/u1	99
29) 2,4-Dichlorophenol	10.622	162	3324346	158.856	ng/u1	98
30) Naphthalene	11.028	128	9513410	144.720	ng/u1	99
32) 4-Chloroaniline	11.140	127	4157009	144.632	ng/u1	100
33) Hexachlorobutadiene	11.305	225	2413757	163.546	ng/u1	100
34) Caprolactam	11.975	113	644712	91.193	ng/u1	96
35) 4-Chloro-3-methylphenol	12.257	107	3394828	153.059	ng/u1	98
36) 2-Methylnaphthalene	12.622	142	6431238	137.443	ng/u1	99

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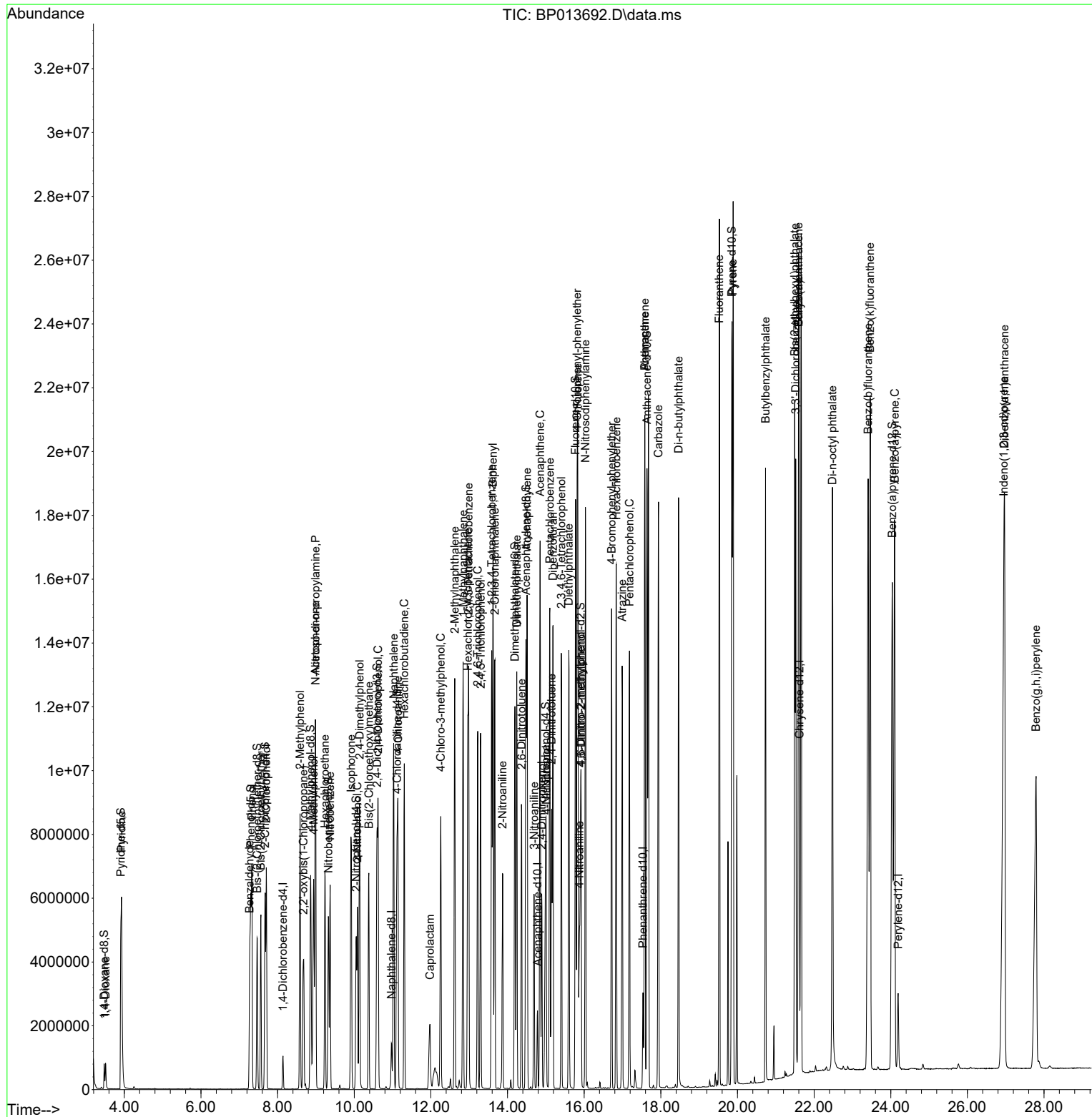
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.840	142	6464445	136.788	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.987	216	4390655	154.262	ng/ul	98
40) Hexachlorocyclopentadiene	12.963	237	3039809	189.954	ng/ul	99
41) 2,4,6-Trichlorophenol	13.222	196	3140808	166.580	ng/ul	98
42) 2,4,5-Trichlorophenol	13.299	196	3439119	167.369	ng/ul	99
43) 1,1'-Biphenyl	13.622	154	9086300	139.279	ng/ul	99
44) 2-Chloronaphthalene	13.669	162	7530621	145.905	ng/ul	99
45) 2-Nitroaniline	13.869	65	2047898	208.441	ng/ul	99
47) Dimethylphthalate	14.240	163	9696129	144.905	ng/ul	99
48) 2,6-Dinitrotoluene	14.369	165	2161224	226.637	ng/ul	93
50) Acenaphthylene	14.510	152	11017674	139.237	ng/ul	98
51) 3-Nitroaniline	14.693	138	1718027	170.449	ng/ul	98
52) Acenaphthene	14.851	153	7734867	142.241	ng/ul	98
53) 2,4-Dinitrophenol	14.893	184	1606282	216.870	ng/ul	100
55) 4-Nitrophenol	15.010	109	1441987	165.234	ng/ul	94
56) Dibenzofuran	15.187	168	10813987	136.907	ng/ul	98
57) 2,4-Dinitrotoluene	15.151	165	3014141	201.242	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.404	232	3151211	163.175	ng/ul	96
59) Diethylphthalate	15.598	149	9409189	146.472	ng/ul	98
61) Fluorene	15.834	166	8546700	132.959	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.816	204	5092849	145.423	ng/ul	97
63) 4-Nitroaniline	15.875	138	1581126	167.531	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.922	198	2110001	187.510	ng/ul#	95
67) N-Nitrosodiphenylamine	16.034	169	7911985	145.282	ng/ul	100
68) 4-Bromophenyl-phenylether	16.716	248	3725358	162.287	ng/ul	98
69) Hexachlorobenzene	16.840	284	4197884	155.875	ng/ul	96
70) Atrazine	16.992	200	3376880	154.067	ng/ul	100
71) Pentachlorophenol	17.181	266	2957153	172.031	ng/ul	99
72) Phenanthrene	17.581	178	14494540	135.999	ng/ul	94
74) Anthracene	17.581	178	14494540	134.275	ng/ul	93
75) 1,2,3,4-Tetrachloroben...	13.587	216	4731231	164.596	ng/ul	98
76) Pentachlorobenzene	15.104	250	4734421	160.660	ng/ul	99
77) Carbazole	17.939	167	13289747	141.911	ng/ul	98
78) Di-n-butylphthalate	18.463	149	13316515	120.348	ng/ul#	91
80) Fluoranthene	19.522	202	15450414	131.756	ng/ul#	95
82) Pyrene	19.881	202	14841827	123.794	ng/ul	95
83) Butylbenzylphthalate	20.733	149	6221431	180.617	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.522	252	6527043	159.312	ng/ul	99
85) Benzo(a)anthracene	21.592	228	16363227	131.950	ng/ul	92
86) Bis(2-ethylhexyl)phtha...	21.492	149	9318772	157.795	ng/ul#	96
87) Chrysene	21.592	228	16363227	140.151	ng/ul	95
89) Di-n-octyl phthalate	22.474	149	16247176	162.124	ng/ul	100
90) Benzo(b)fluoranthene	23.410	252	19982256	160.901	ng/ul	98
91) Benzo(k)fluoranthene	23.463	252	17817985	150.118	ng/ul	95
93) Benzo(a)pyrene	24.104	252	16724825	155.993	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.951	276	20208344	152.130	ng/ul	98
95) Dibenzo(a,h)anthracene	26.968	278	16371447	148.664	ng/ul	97
96) Benzo(g,h,i)perylene	27.792	276	16171613	153.886	ng/ul	98

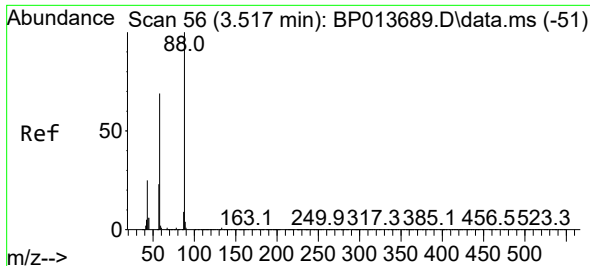
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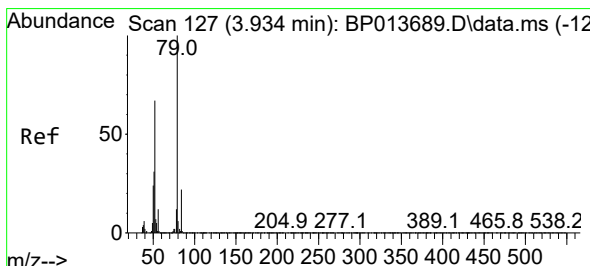
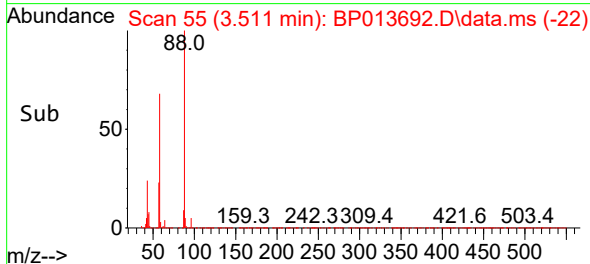
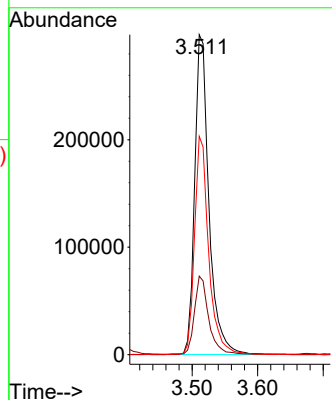
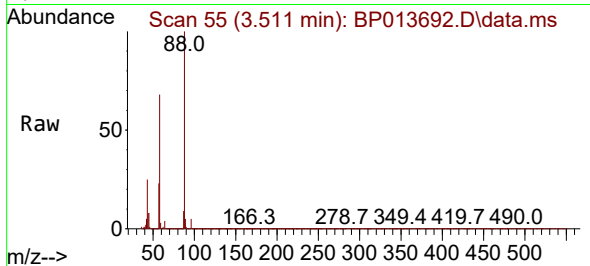


#2
 1,4-Dioxane
 Concen: 62.214 ng/uL
 RT: 3.511 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: BP013692.D
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Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion: 88 Resp: 449257

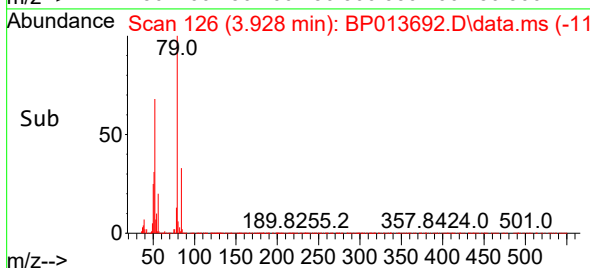
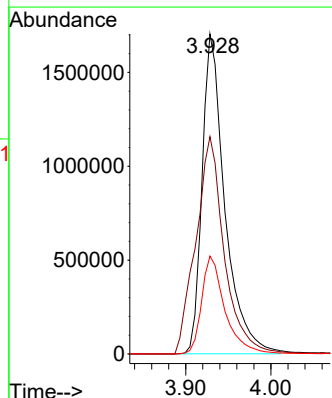
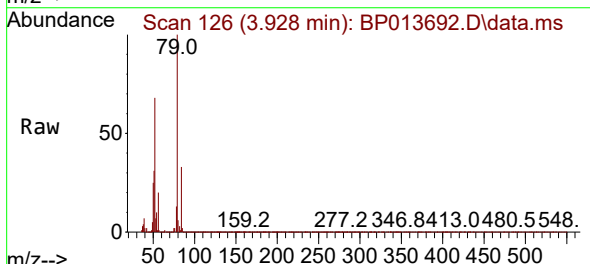
Ion	Ratio	Lower	Upper
88	100		
43	24.6	22.2	33.4
58	68.2	54.9	82.3

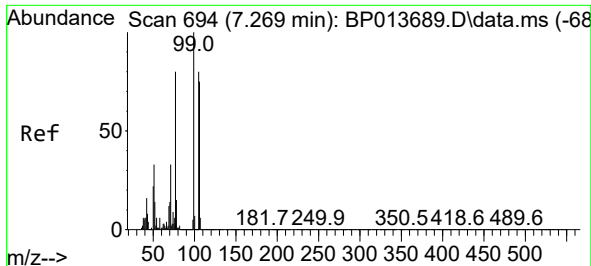


#5
 Pyridine
 Concen: 158.090 ng/uL
 RT: 3.928 min Scan# 126
 Delta R.T. -0.006 min
 Lab File: BP013692.D
 Acq: 01 Feb 2023 12:59

Tgt Ion: 79 Resp: 3164940

Ion	Ratio	Lower	Upper
79	100		
52	67.9	53.8	80.6
51	30.6	25.1	37.7

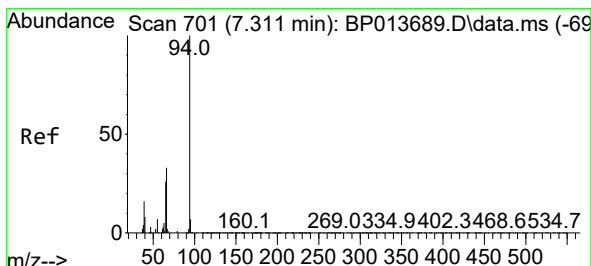
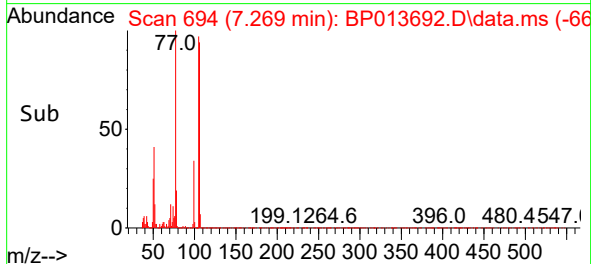
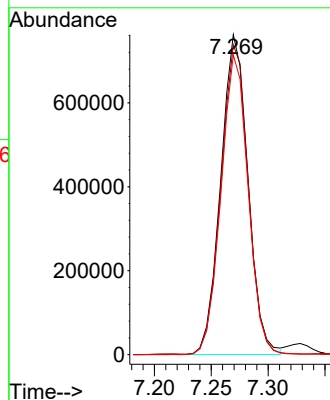
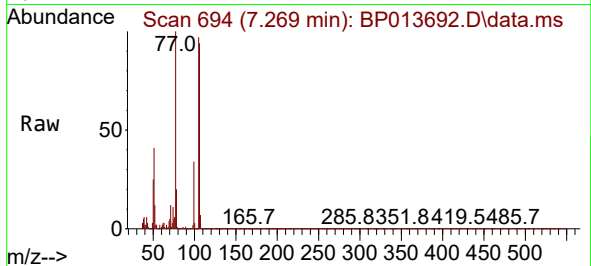




#6
Benzaldehyde
Concen: 121.949 ng/ul
RT: 7.269 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

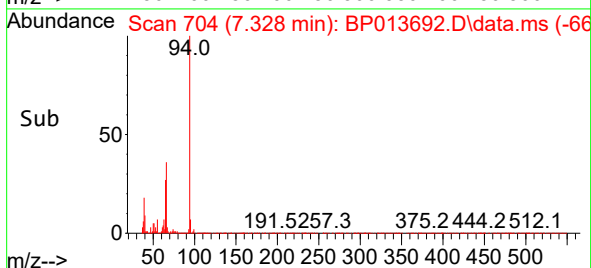
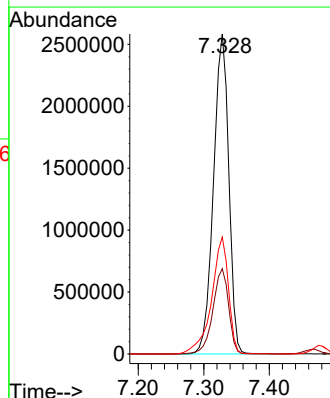
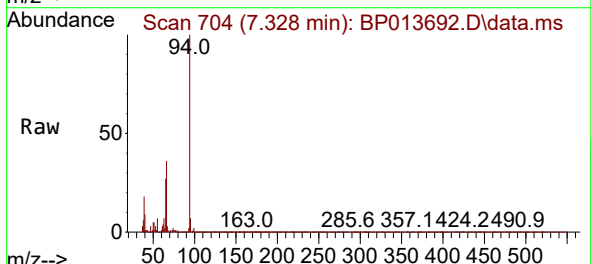
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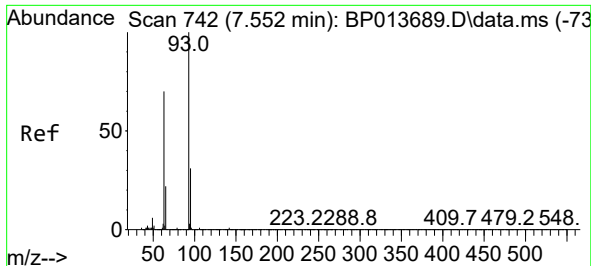
Tgt Ion: 77 Resp: 1264784
Ion Ratio Lower Upper
77 100
105 96.8 80.6 121.0
106 93.6 75.0 112.4



#8
Phenol
Concen: 157.865 ng/ul
RT: 7.328 min Scan# 704
Delta R.T. 0.018 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion: 94 Resp: 4171466
Ion Ratio Lower Upper
94 100
65 26.6 21.0 31.4
66 36.5 27.4 41.2

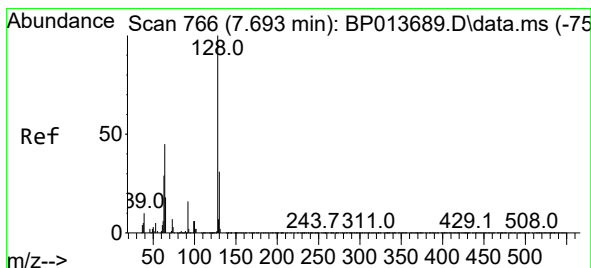
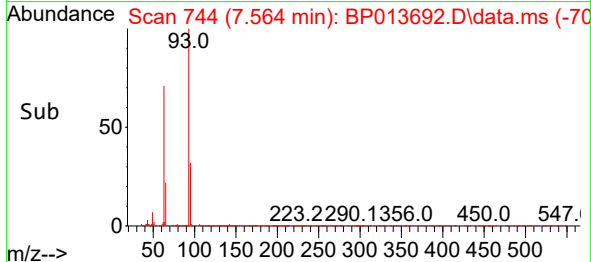
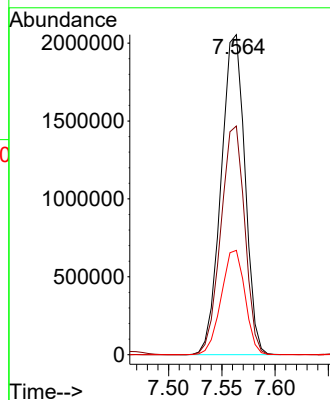
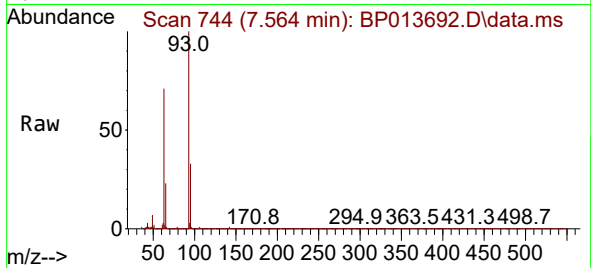




#10
Bis(2-Chloroethyl)ether
Concen: 150.631 ng/ul
RT: 7.564 min Scan# 744
Delta R.T. 0.012 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

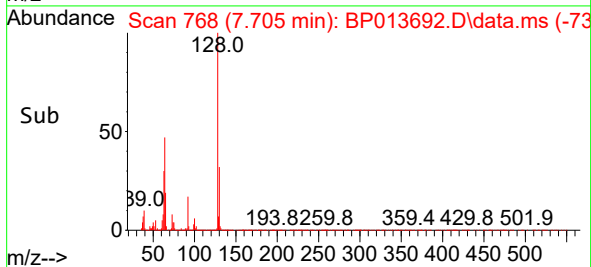
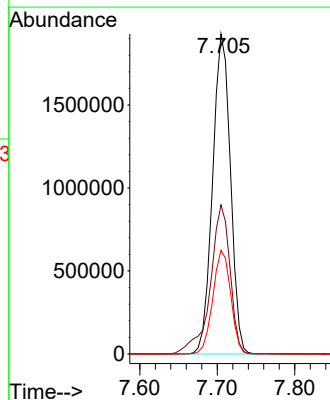
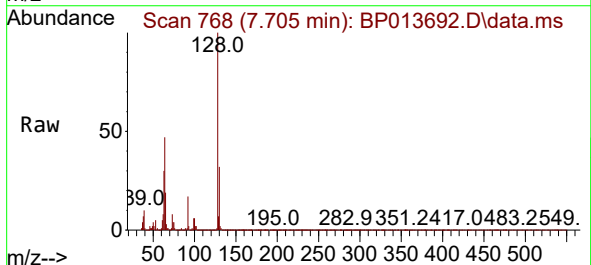
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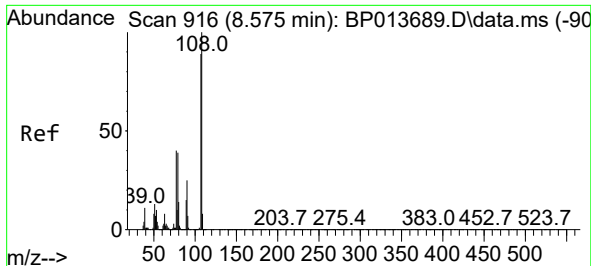
Tgt Ion: 93 Resp: 3198509
Ion Ratio Lower Upper
93 100
63 71.4 55.8 83.6
95 32.6 25.1 37.7



#12
2-Chlorophenol
Concen: 160.719 ng/ul
RT: 7.705 min Scan# 768
Delta R.T. 0.012 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion:128 Resp: 3081934
Ion Ratio Lower Upper
128 100
64 46.5 37.9 56.9
130 32.4 25.2 37.8





#13

2-Methylphenol

Concen: 159.985 ng/ul

RT: 8.587 min Scan# 916

Delta R.T. 0.012 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

Instrument :

BNA_P

ClientSampleId :

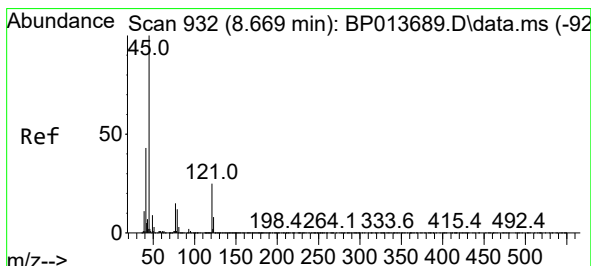
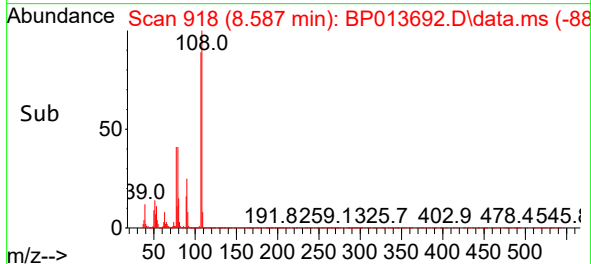
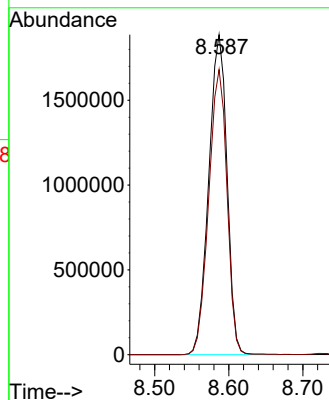
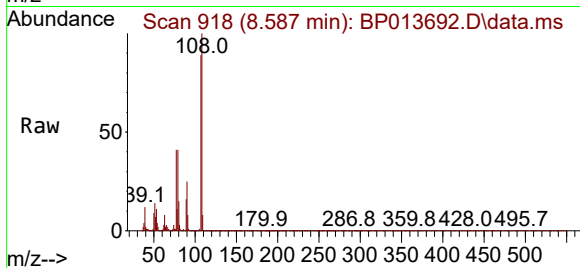
SSTD160608

Tgt Ion:108 Resp: 3227758

Ion Ratio Lower Upper

108 100

107 89.1 70.9 106.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 150.595 ng/ul

RT: 8.675 min Scan# 933

Delta R.T. 0.006 min

Lab File: BP013692.D

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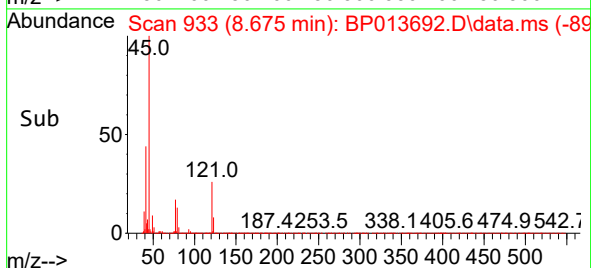
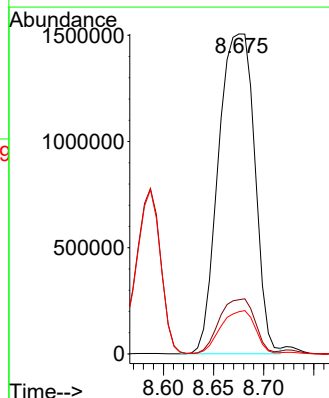
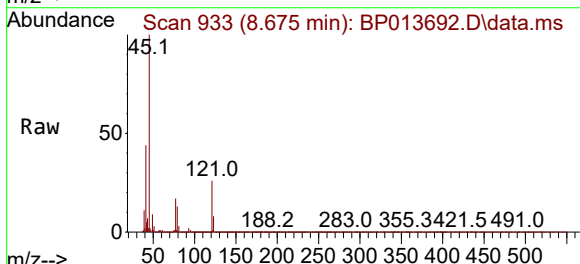
Tgt Ion: 45 Resp: 3786043

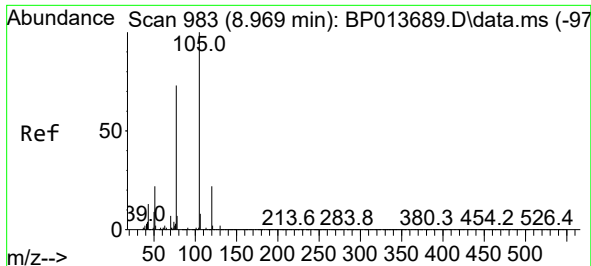
Ion Ratio Lower Upper

45 100

77 16.9 12.6 19.0

79 13.2 10.0 15.0

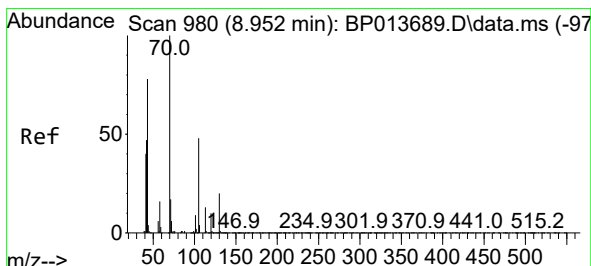
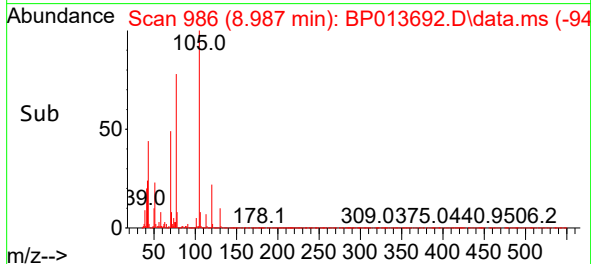
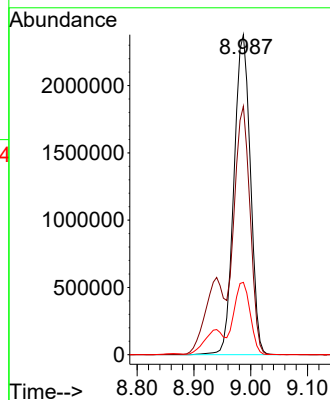
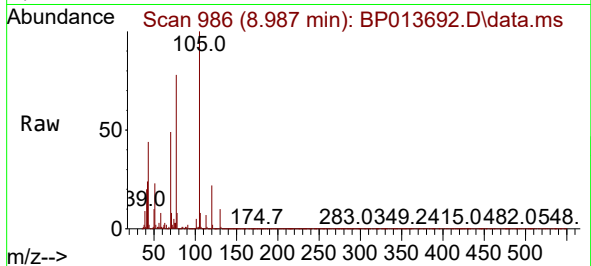




#16
Acetophenone
Concen: 148.203 ng/ul
RT: 8.987 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

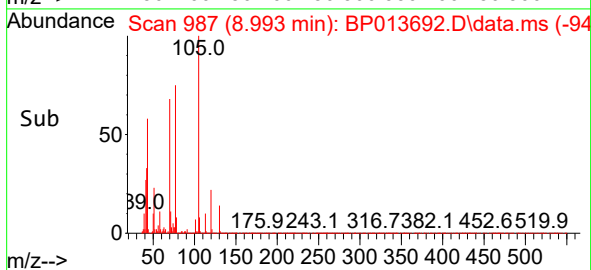
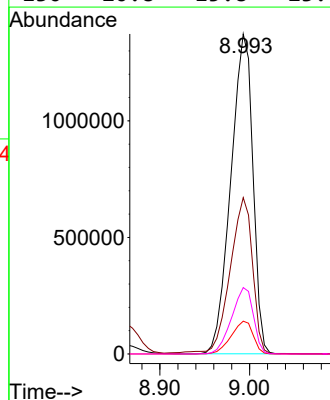
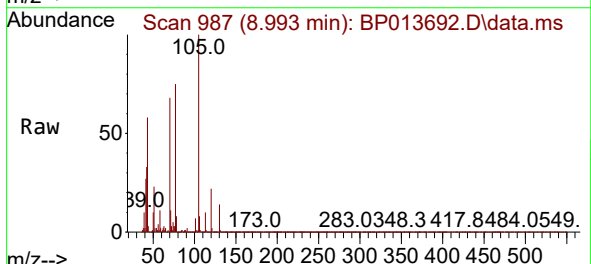
Instrument :
BNA_P
ClientSampleId :
SSTD160608

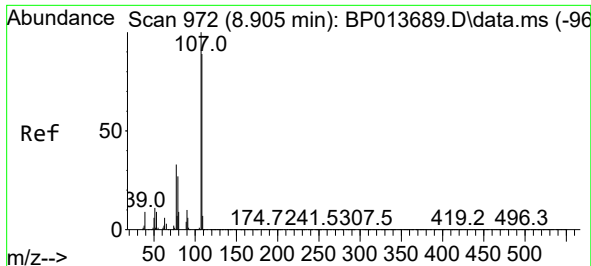
Tgt Ion:105 Resp: 4755660
Ion Ratio Lower Upper
105 100
77 77.7 61.2 91.8
51 22.6 18.5 27.7



#17
N-Nitroso-di-n-propylamine
Concen: 145.780 ng/ul
RT: 8.993 min Scan# 987
Delta R.T. 0.041 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion: 70 Resp: 2343352
Ion Ratio Lower Upper
70 100
42 48.8 38.2 57.4
101 10.3 7.4 11.2
130 20.8 15.8 23.6





#18

4-Methylphenol

Concen: 158.383 ng/ul

RT: 8.940 min Scan# 91

Delta R.T. 0.035 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

Instrument :

BNA_P

ClientSampleId :

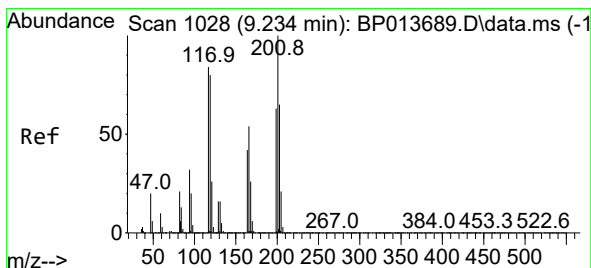
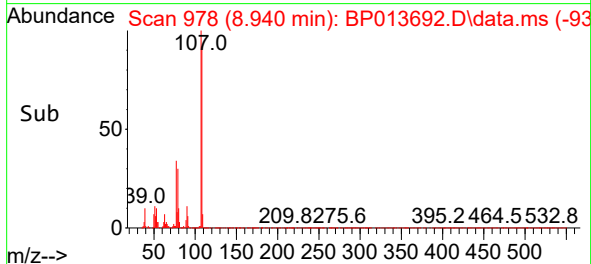
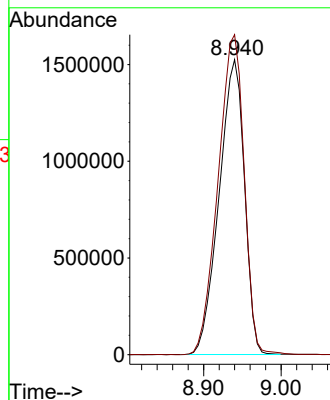
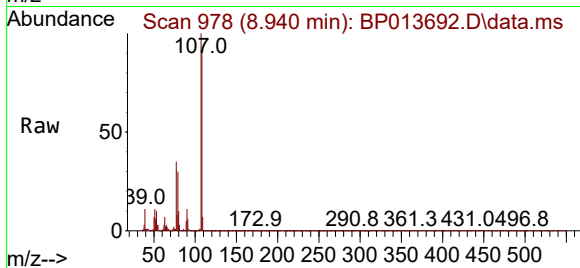
SSTD160608

Tgt Ion:108 Resp: 3470428

Ion Ratio Lower Upper

108 100

107 108.5 89.9 134.9



#19

Hexachloroethane

Concen: 167.532 ng/ul

RT: 9.234 min Scan# 1028

Delta R.T. 0.000 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

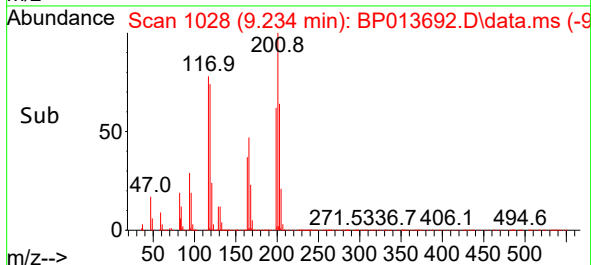
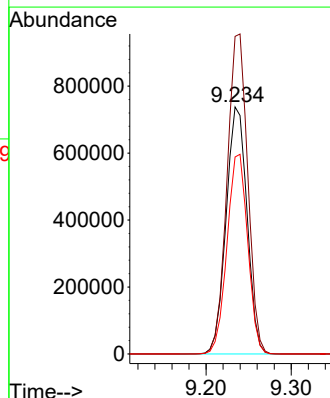
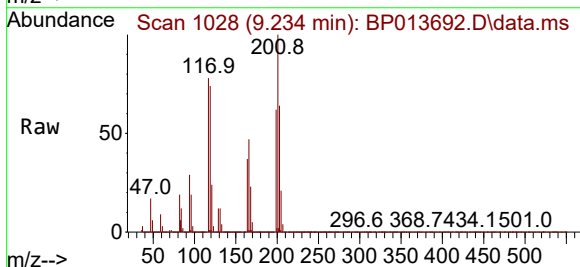
Tgt Ion:117 Resp: 1257477

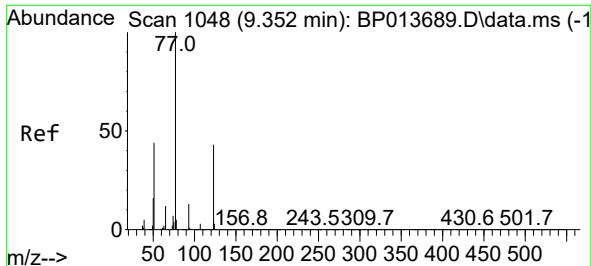
Ion Ratio Lower Upper

117 100

201 128.6 94.8 142.2

199 79.7 60.1 90.1





#22

Nitrobenzene

Concen: 174.725 ng/ul

RT: 9.369 min Scan# 1104

Delta R.T. 0.018 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

Instrument :

BNA_P

ClientSampleId :

SSTD160608

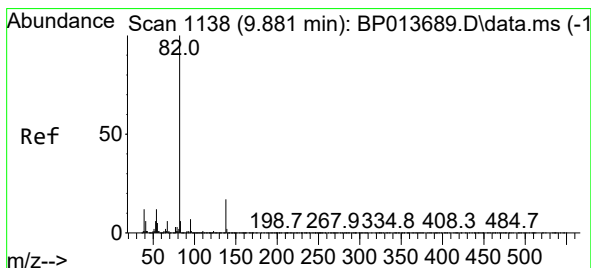
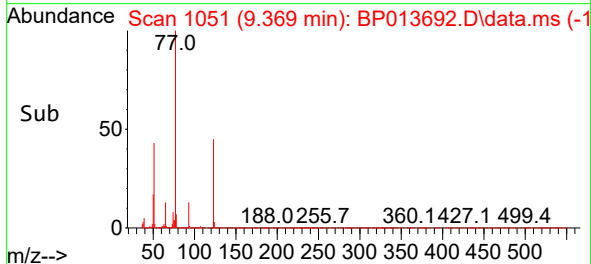
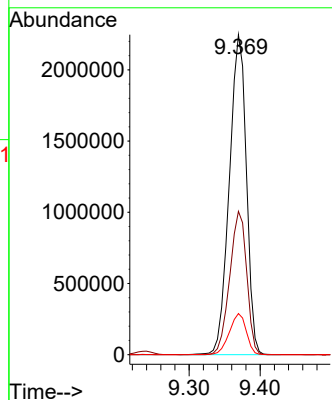
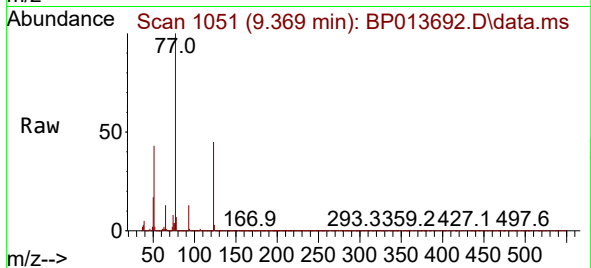
Tgt Ion: 77 Resp: 3744407

Ion Ratio Lower Upper

77 100

123 44.8 34.1 51.1

65 12.8 9.8 14.8



#23

Isophorone

Concen: 151.818 ng/ul

RT: 9.916 min Scan# 1144

Delta R.T. 0.035 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

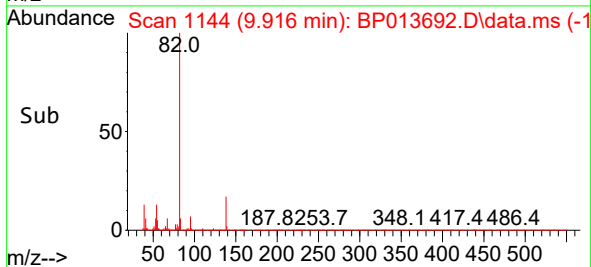
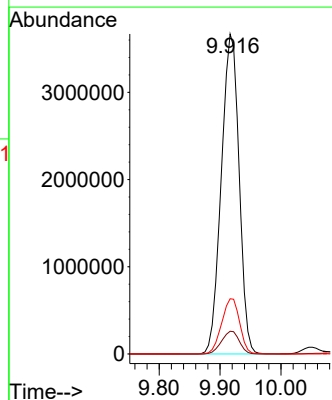
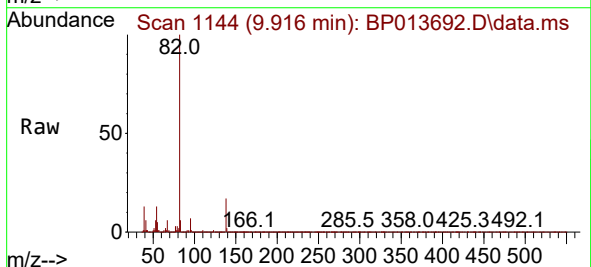
Tgt Ion: 82 Resp: 7448571

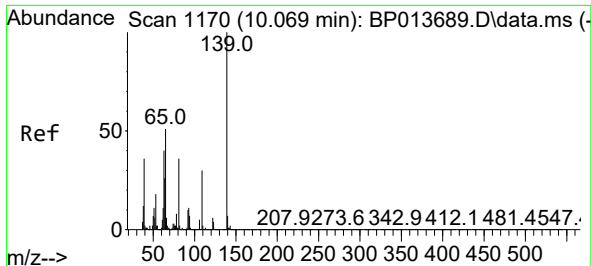
Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.0

138 17.3 13.6 20.4

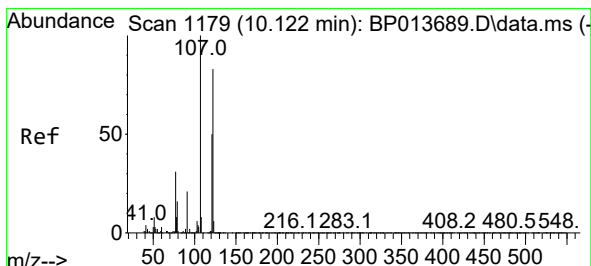
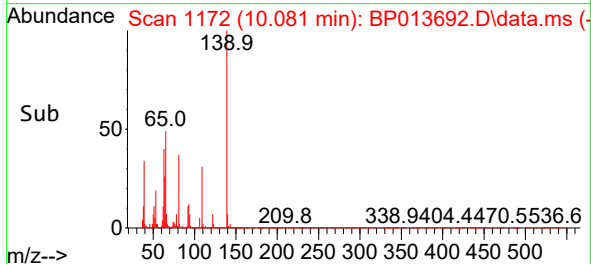
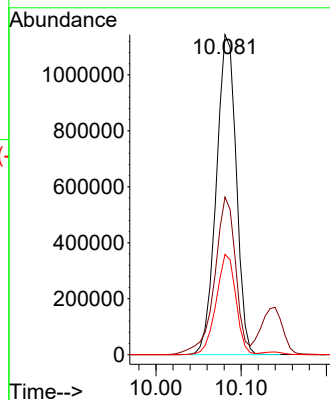
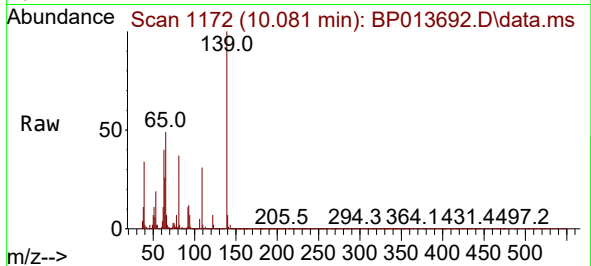




#25
2-Nitrophenol
Concen: 181.791 ng/ul
RT: 10.081 min Scan# 1172
Delta R.T. 0.012 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

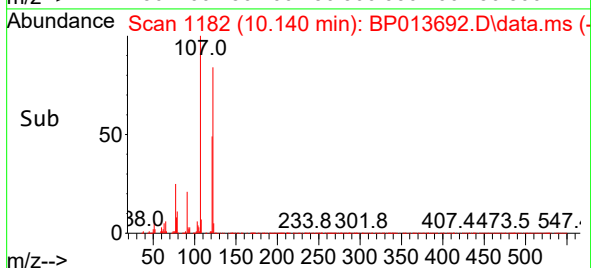
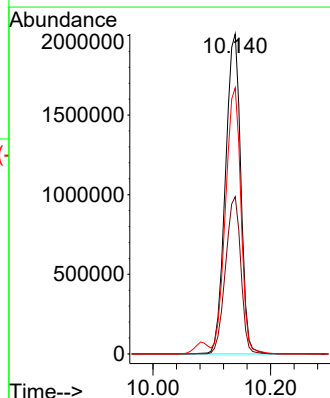
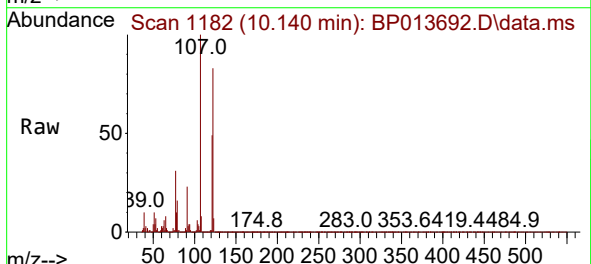
Instrument :
BNA_P
ClientSampleId :
SSTD160608

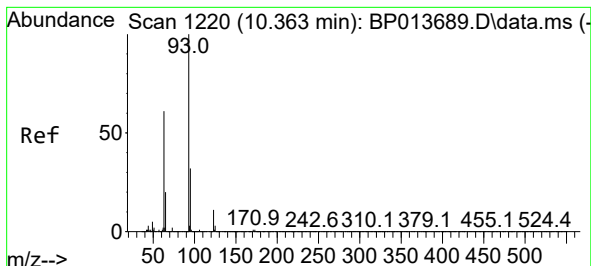
Tgt Ion:139 Resp: 1859915
Ion Ratio Lower Upper
139 100
65 49.3 40.9 61.3
109 31.3 24.3 36.5



#26
2,4-Dimethylphenol
Concen: 157.326 ng/ul
RT: 10.140 min Scan# 1182
Delta R.T. 0.018 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion:107 Resp: 3636809
Ion Ratio Lower Upper
107 100
121 49.1 39.8 59.8
122 83.2 67.6 101.4





#27

Bis(2-Chloroethoxy)methane

Concen: 147.244 ng/ul

RT: 10.381 min Scan# 1223

Delta R.T. 0.018 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

Instrument :

BNA_P

ClientSampleId :

SSTD160608

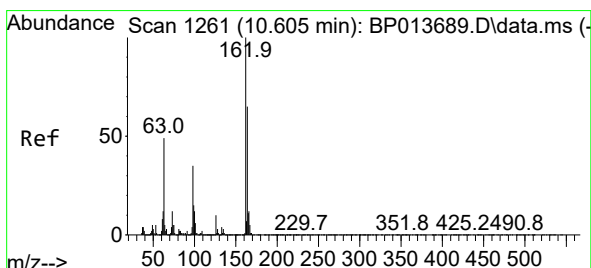
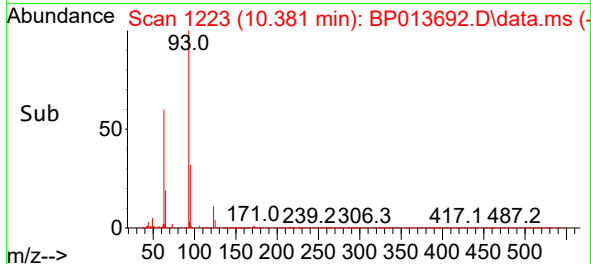
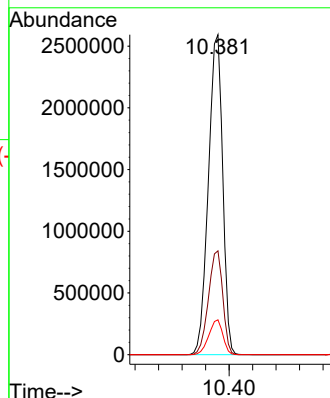
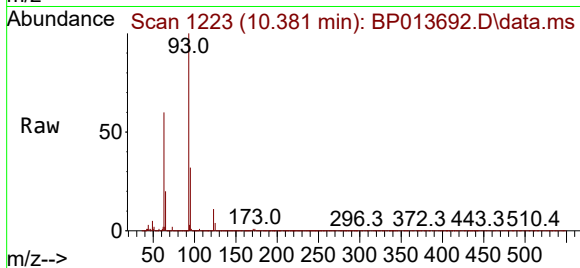
Tgt Ion: 93 Resp: 4378192

Ion Ratio Lower Upper

93 100

95 32.5 25.3 37.9

123 10.9 8.6 12.8



#29

2,4-Dichlorophenol

Concen: 158.856 ng/ul

RT: 10.622 min Scan# 1264

Delta R.T. 0.018 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

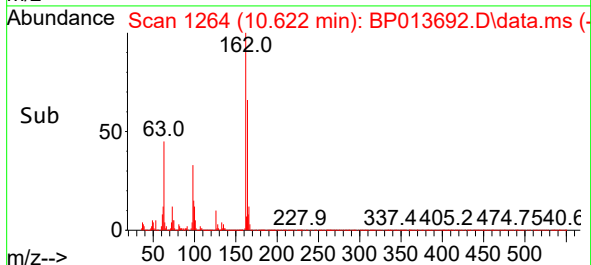
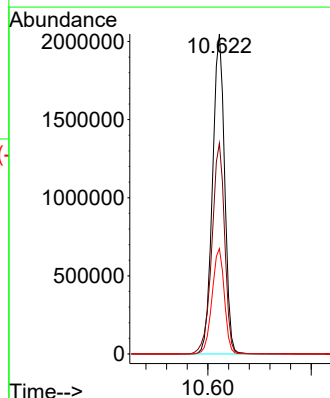
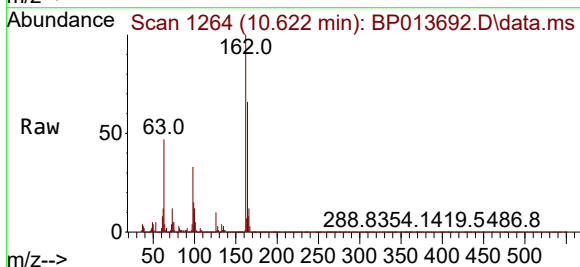
Tgt Ion:162 Resp: 3324346

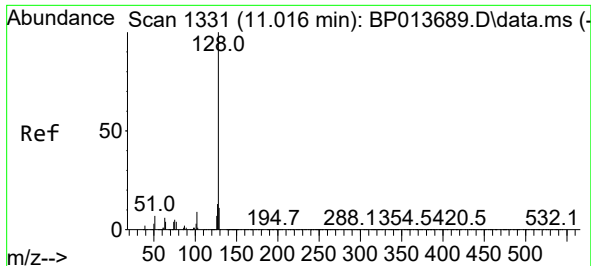
Ion Ratio Lower Upper

162 100

164 65.9 52.1 78.1

98 32.9 27.7 41.5

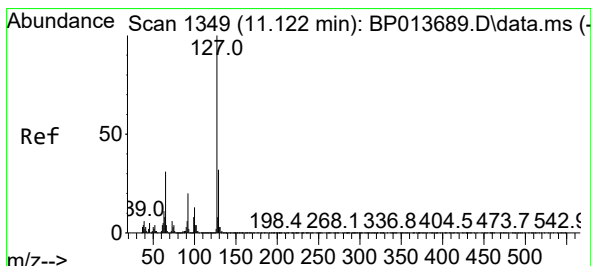
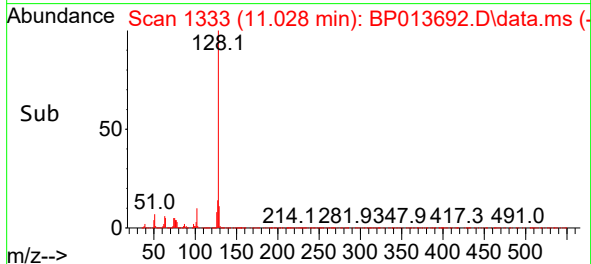
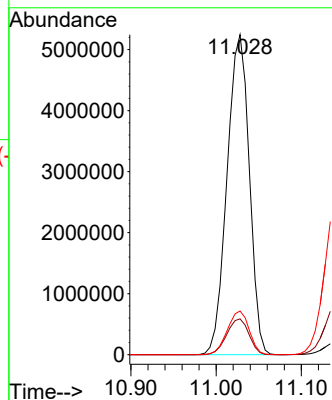
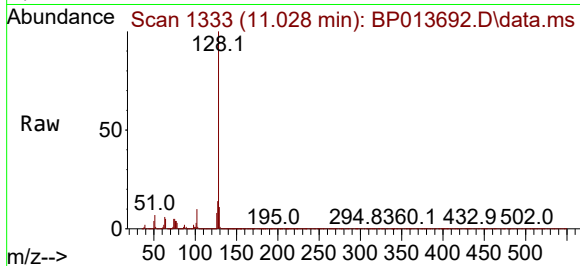




#30
Naphthalene
Concen: 144.720 ng/ul
RT: 11.028 min Scan# 1333
Delta R.T. 0.012 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

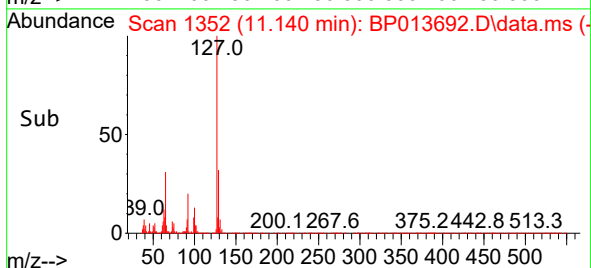
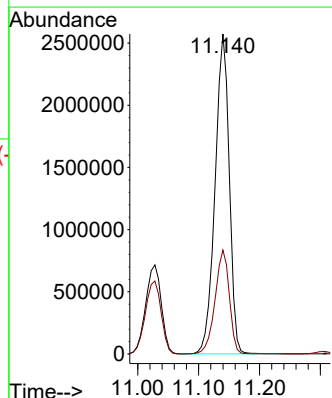
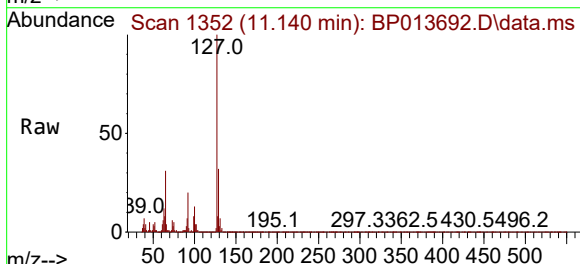
Instrument :
BNA_P
ClientSampleId :
SSTD160608

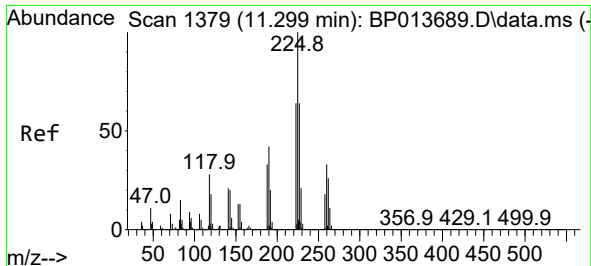
Tgt Ion:128 Resp: 9513410
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.7 10.2 15.4



#32
4-Chloroaniline
Concen: 144.632 ng/ul
RT: 11.140 min Scan# 1352
Delta R.T. 0.018 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion:127 Resp: 4157009
Ion Ratio Lower Upper
127 100
129 32.5 26.1 39.1

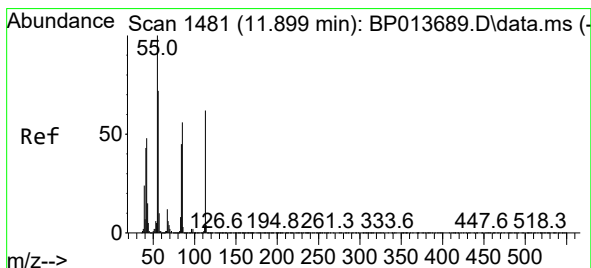
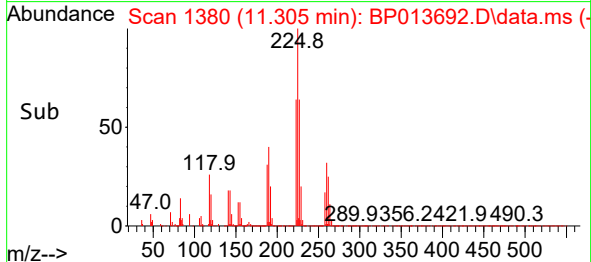
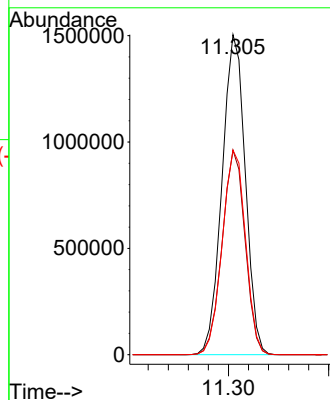
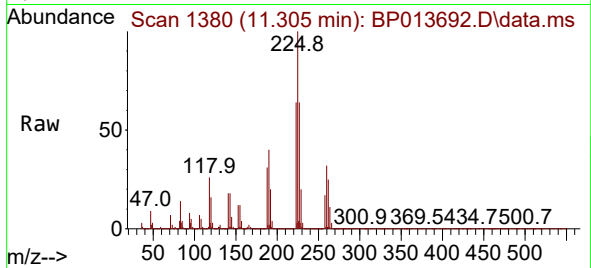




#33
Hexachlorobutadiene
Concen: 163.546 ng/ul
RT: 11.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

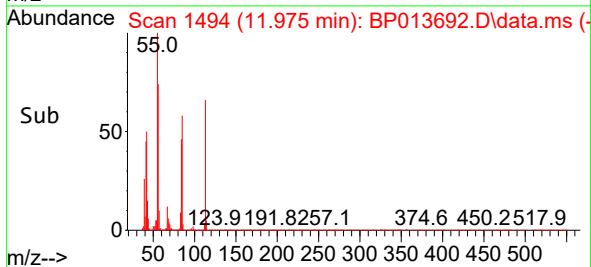
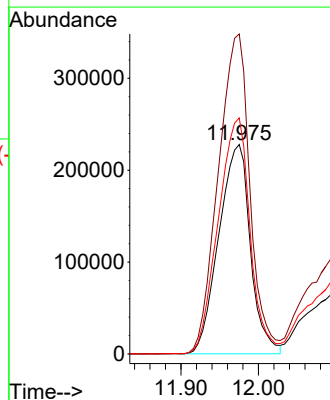
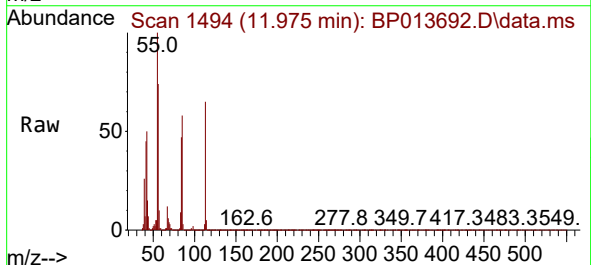
Instrument :
BNA_P
ClientSampleId :
SSTD160608

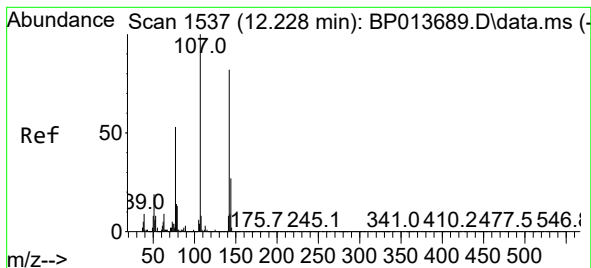
Tgt Ion:225 Resp: 2413757
Ion Ratio Lower Upper
225 100
223 63.9 51.4 77.2
227 63.9 50.9 76.3



#34
Caprolactam
Concen: 91.193 ng/ul
RT: 11.975 min Scan# 1494
Delta R.T. 0.076 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion:113 Resp: 644712
Ion Ratio Lower Upper
113 100
55 152.7 128.4 192.6
56 112.7 92.2 138.2

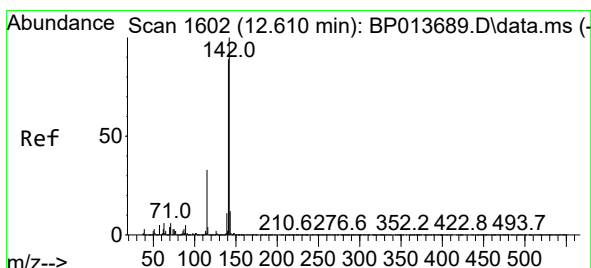
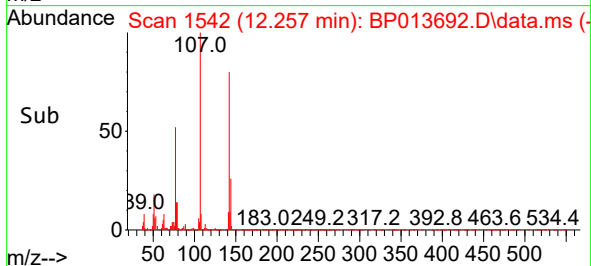
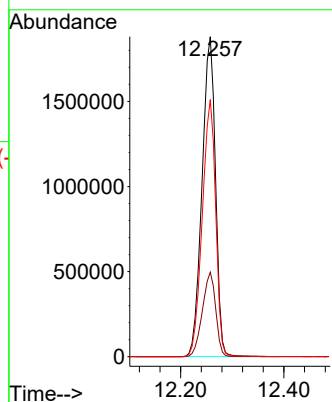
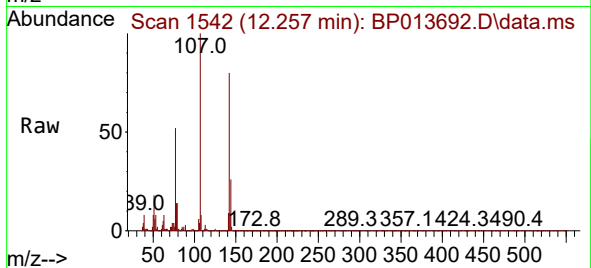




#35
4-Chloro-3-methylphenol
Concen: 153.059 ng/ul
RT: 12.257 min Scan# 11
Delta R.T. 0.029 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

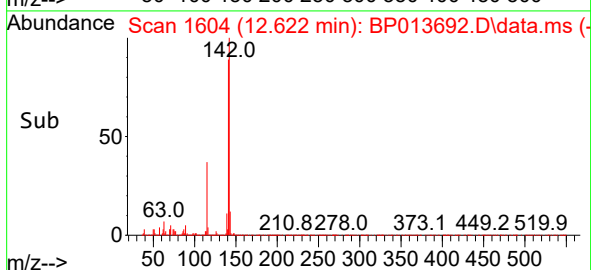
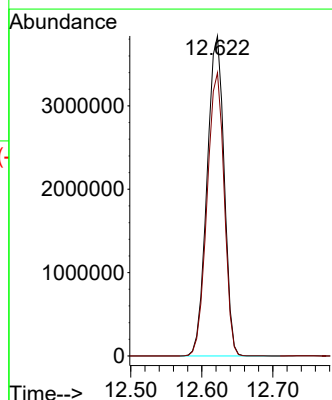
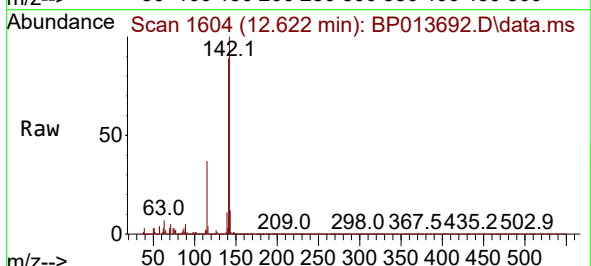
Instrument :
BNA_P
ClientSampleId :
SSTD160608

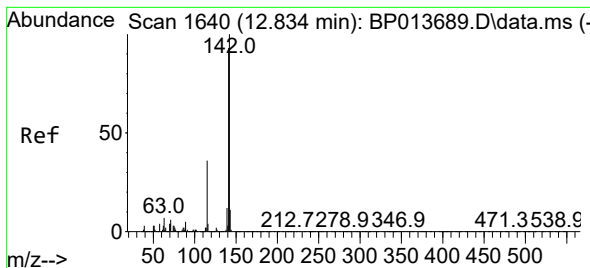
Tgt Ion:107 Resp: 3394828
Ion Ratio Lower Upper
107 100
144 26.4 21.4 32.0
142 80.4 65.6 98.4



#36
2-Methylnaphthalene
Concen: 137.443 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. 0.012 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion:142 Resp: 6431238
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.2





#37

1-Methylnaphthalene

Concen: 136.788 ng/ul

RT: 12.840 min Scan# 1640

Delta R.T. 0.006 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

Instrument :

BNA_P

ClientSampleId :

SSTD160608

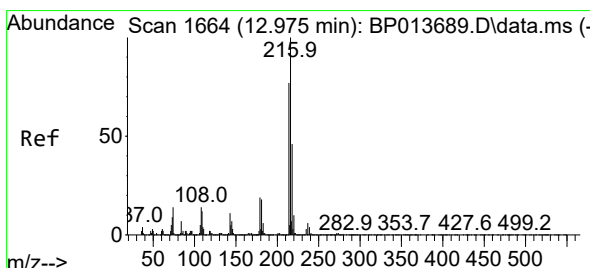
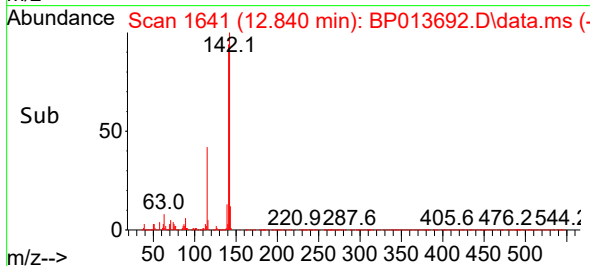
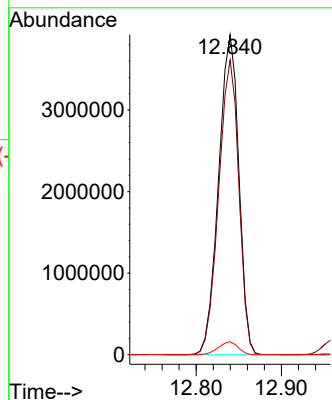
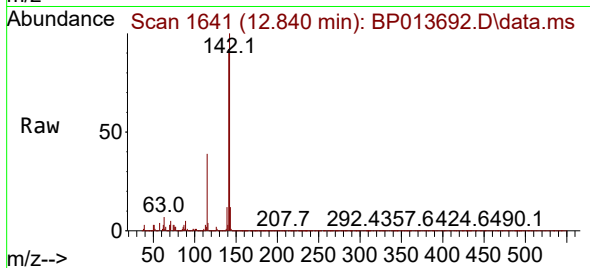
Tgt Ion:142 Resp: 6464445

Ion Ratio Lower Upper

142 100

141 92.1 74.4 111.6

116 4.1 2.8 4.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 154.262 ng/ul

RT: 12.987 min Scan# 1666

Delta R.T. 0.012 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

Tgt Ion:216 Resp: 4390655

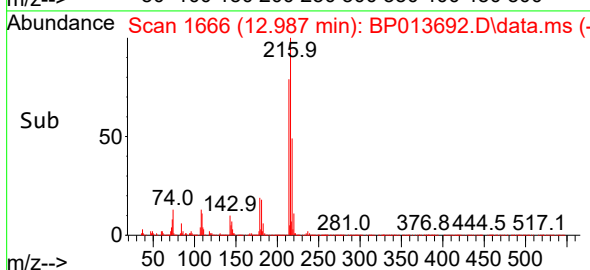
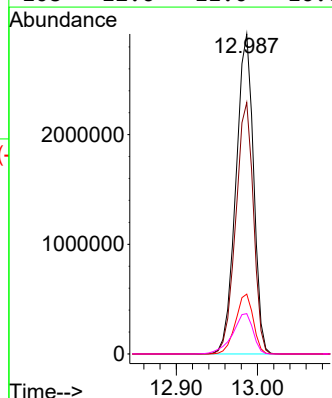
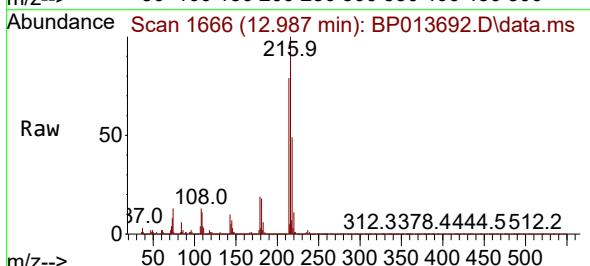
Ion Ratio Lower Upper

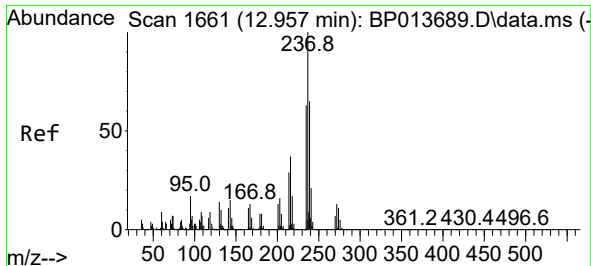
216 100

214 78.5 61.5 92.3

179 18.7 15.0 22.4

108 12.6 11.0 16.6

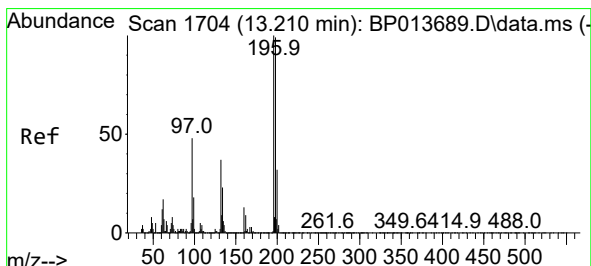
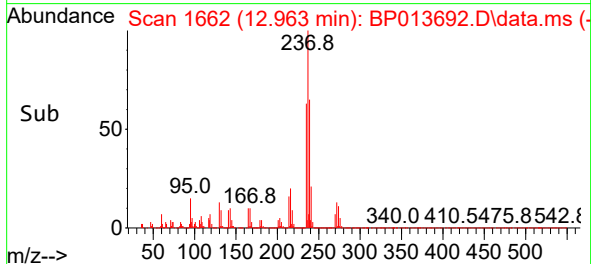
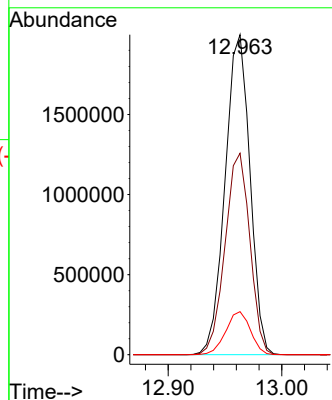
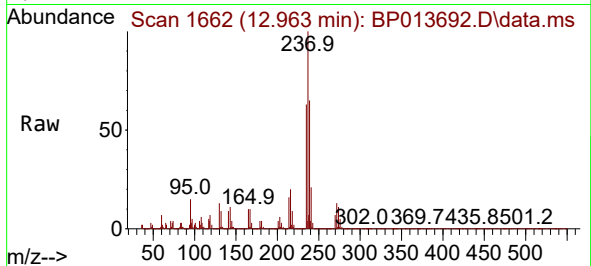




#40
Hexachlorocyclopentadiene
Concen: 189.954 ng/ul
RT: 12.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

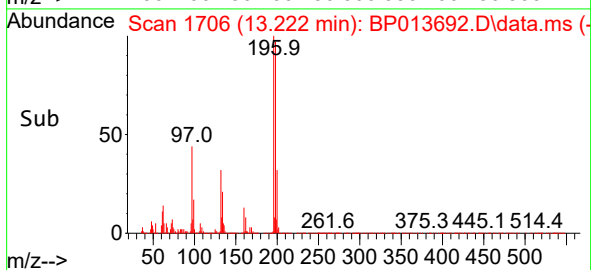
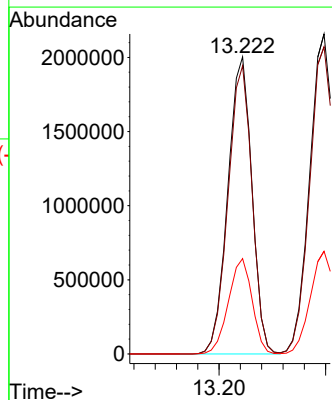
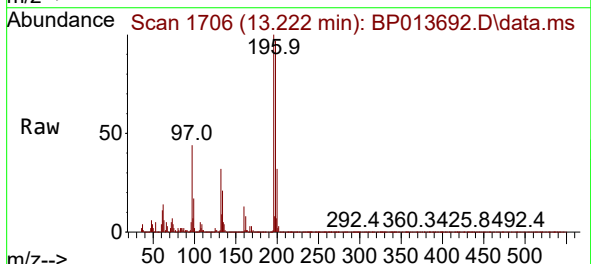
Instrument :
BNA_P
ClientSampleId :
SSTD160608

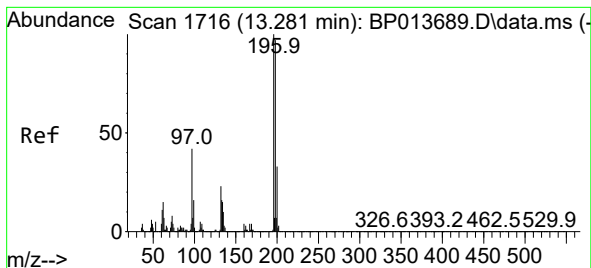
Tgt Ion:237 Resp: 3039809
Ion Ratio Lower Upper
237 100
235 63.0 50.7 76.1
272 13.5 10.6 16.0



#41
2,4,6-Trichlorophenol
Concen: 166.580 ng/ul
RT: 13.222 min Scan# 1706
Delta R.T. 0.012 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion:196 Resp: 3140808
Ion Ratio Lower Upper
196 100
198 97.0 79.0 118.6
200 32.1 25.2 37.8

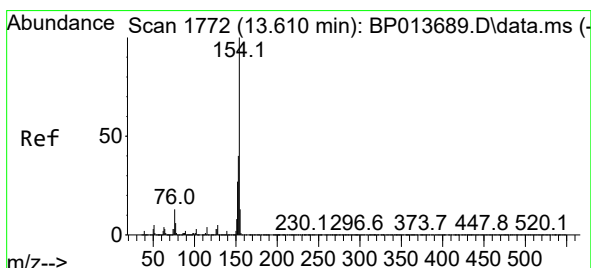
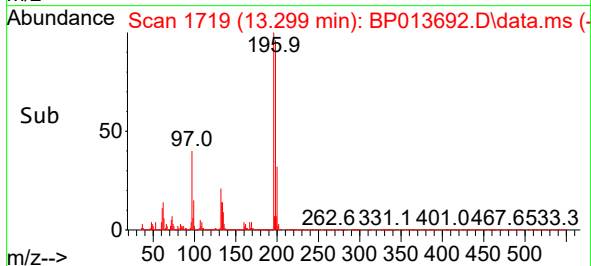
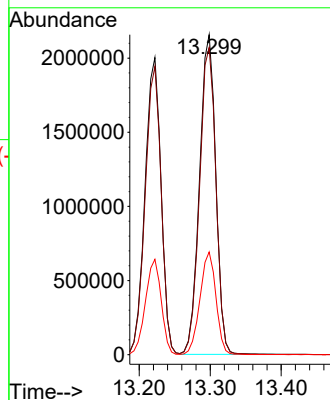
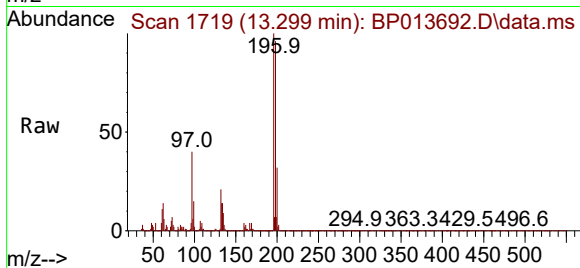




#42
2,4,5-Trichlorophenol
Concen: 167.369 ng/ul
RT: 13.299 min Scan# 1719
Delta R.T. 0.018 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

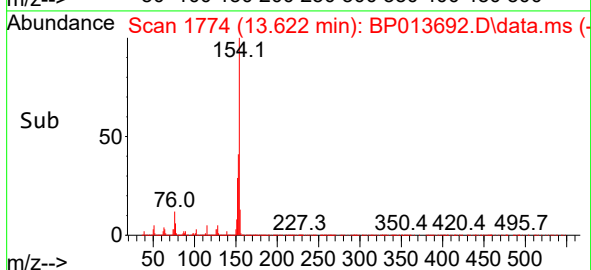
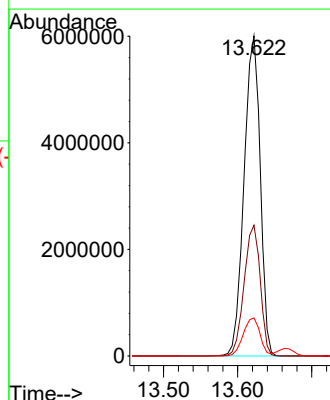
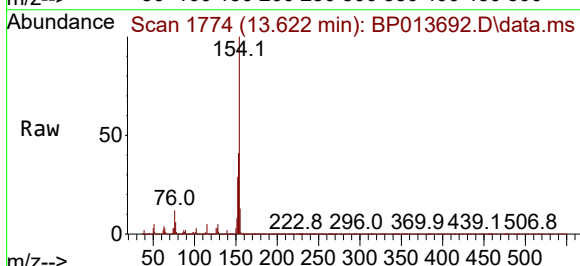
Instrument :
BNA_P
ClientSampleId :
SSTD160608

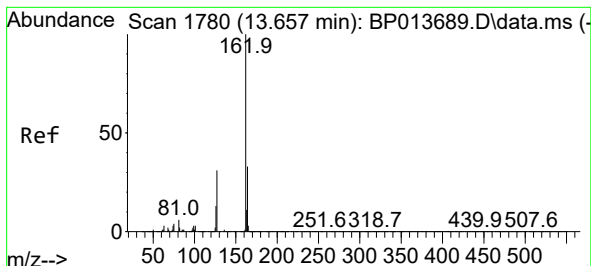
Tgt Ion:196 Resp: 3439119
Ion Ratio Lower Upper
196 100
198 96.0 77.8 116.8
200 32.1 26.2 39.2



#43
1,1'-Biphenyl
Concen: 139.279 ng/ul
RT: 13.622 min Scan# 1774
Delta R.T. 0.012 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion:154 Resp: 9086300
Ion Ratio Lower Upper
154 100
153 40.8 32.2 48.2
76 11.9 10.0 15.0

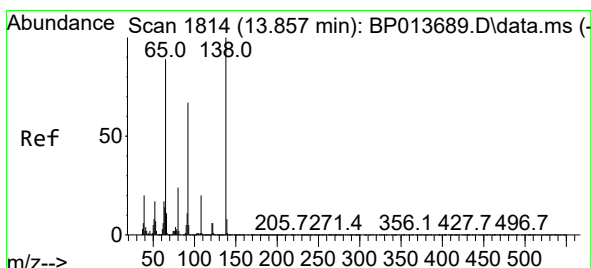
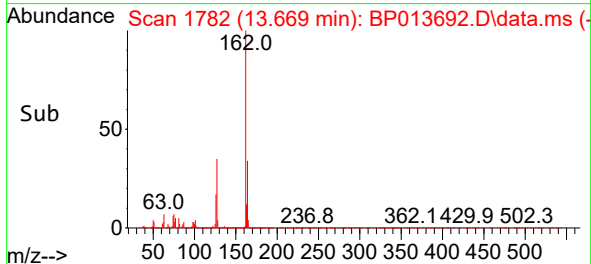
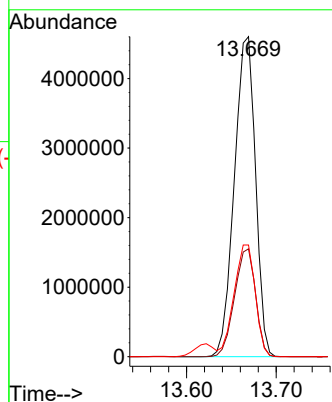
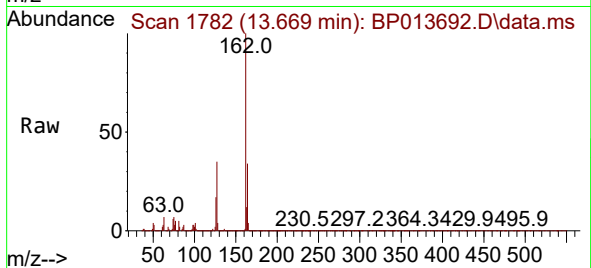




#44
2-Chloronaphthalene
Concen: 145.905 ng/ul
RT: 13.669 min Scan# 1782
Delta R.T. 0.012 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

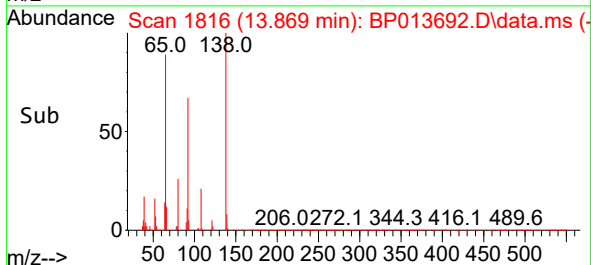
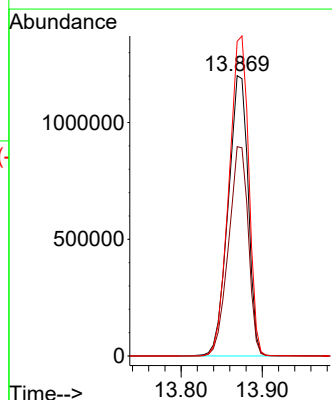
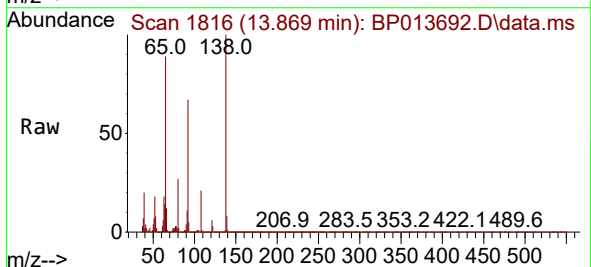
Instrument :
BNA_P
ClientSampleId :
SSTD160608

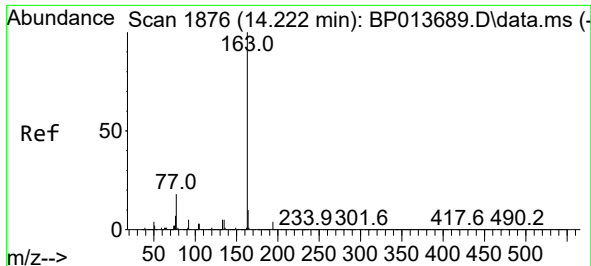
Tgt Ion:162 Resp: 7530621
Ion Ratio Lower Upper
162 100
164 33.7 26.6 39.8
127 34.9 27.5 41.3



#45
2-Nitroaniline
Concen: 208.441 ng/ul
RT: 13.869 min Scan# 1816
Delta R.T. 0.012 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion: 65 Resp: 2047898
Ion Ratio Lower Upper
65 100
92 74.7 60.6 91.0
138 112.2 89.9 134.9

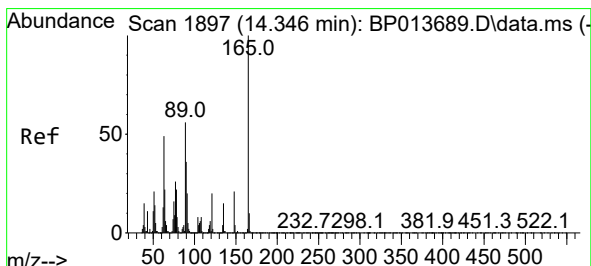
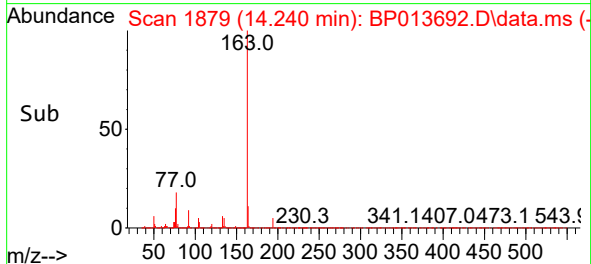
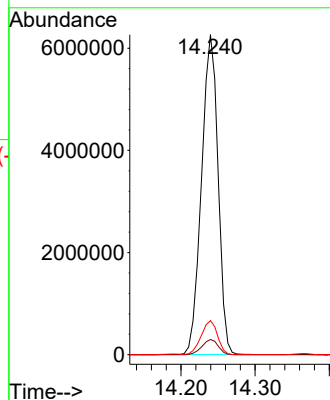
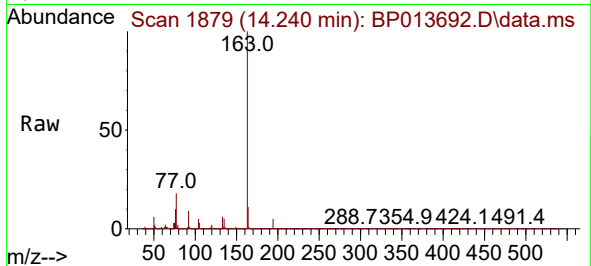




#47
Dimethylphthalate
Concen: 144.905 ng/ul
RT: 14.240 min Scan# 1876
Delta R.T. 0.018 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

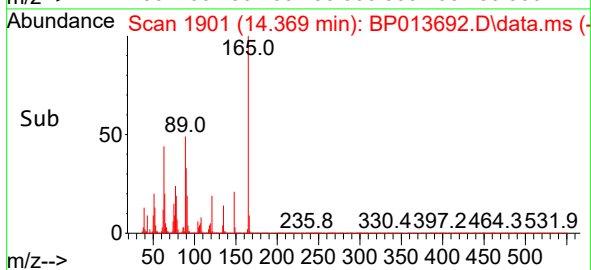
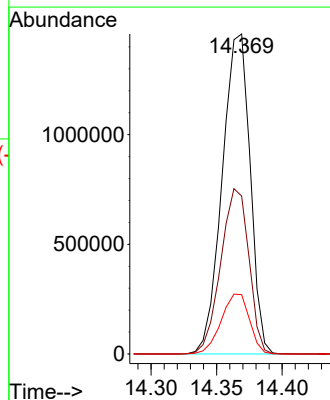
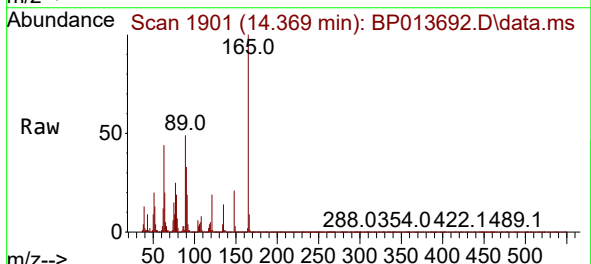
Instrument :
BNA_P
ClientSampleId :
SSTD160608

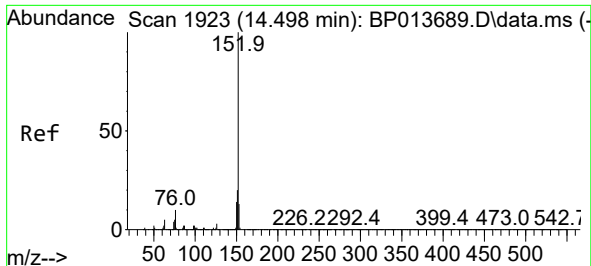
Tgt Ion:163 Resp: 9696129
Ion Ratio Lower Upper
163 100
194 4.8 3.6 5.4
164 10.7 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 226.637 ng/ul
RT: 14.369 min Scan# 1901
Delta R.T. 0.024 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion:165 Resp: 2161224
Ion Ratio Lower Upper
165 100
89 49.3 44.6 67.0
121 18.5 15.8 23.6

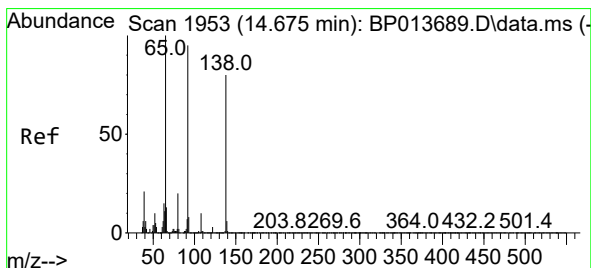
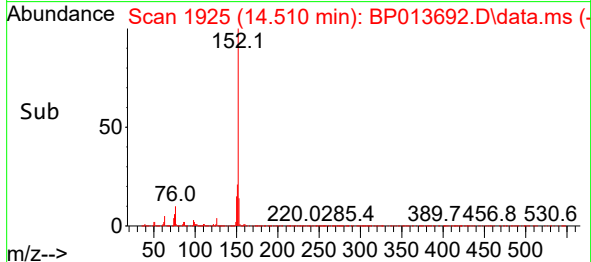
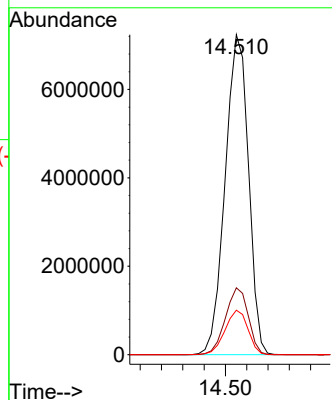
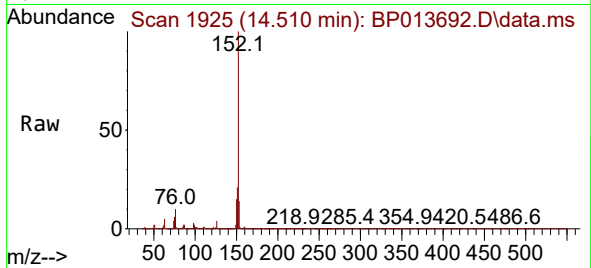




#50
Acenaphthylene
Concen: 139.237 ng/ul
RT: 14.510 min Scan# 1925
Delta R.T. 0.012 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

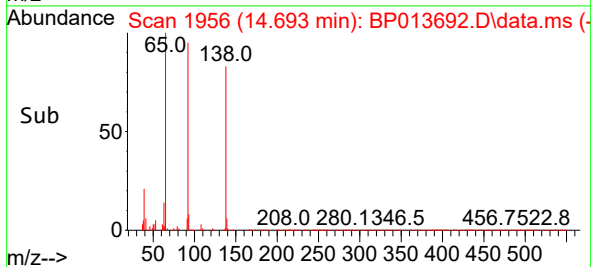
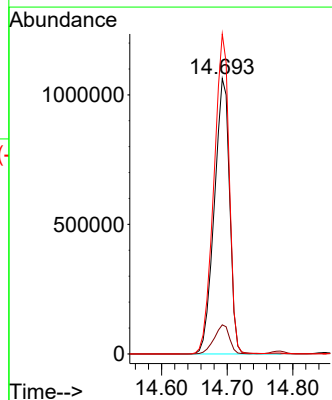
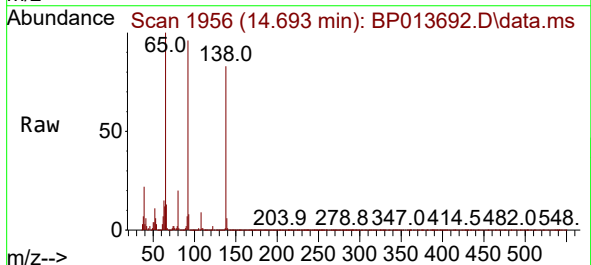
Instrument :
BNA_P
ClientSampleId :
SSTD160608

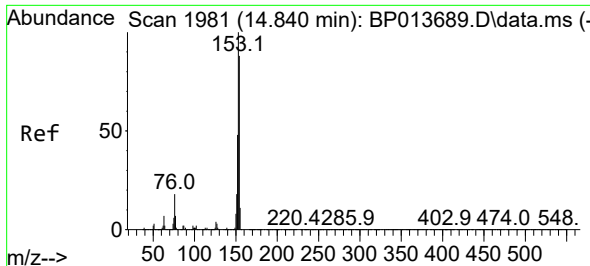
Tgt Ion:152 Resp:11017674
Ion Ratio Lower Upper
152 100
151 20.9 15.9 23.9
153 13.9 10.7 16.1



#51
3-Nitroaniline
Concen: 170.449 ng/ul
RT: 14.693 min Scan# 1956
Delta R.T. 0.018 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion:138 Resp: 1718027
Ion Ratio Lower Upper
138 100
108 10.6 10.0 15.0
92 116.2 94.8 142.2

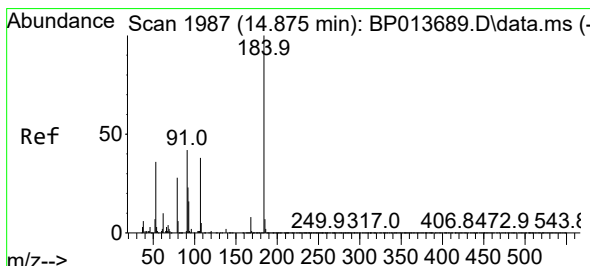
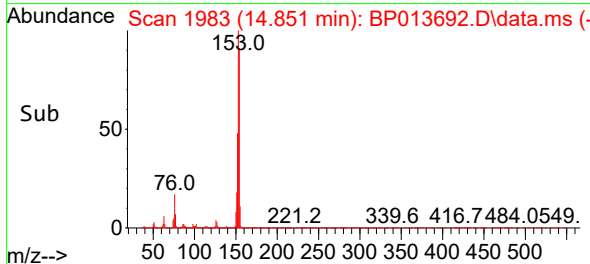
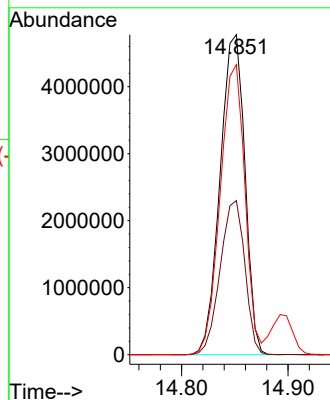
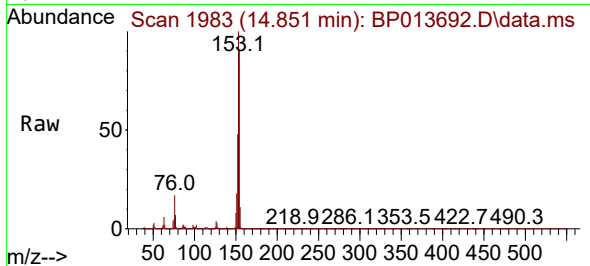




#52
Acenaphthene
Concen: 142.241 ng/ul
RT: 14.851 min Scan# 1983
Delta R.T. 0.012 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

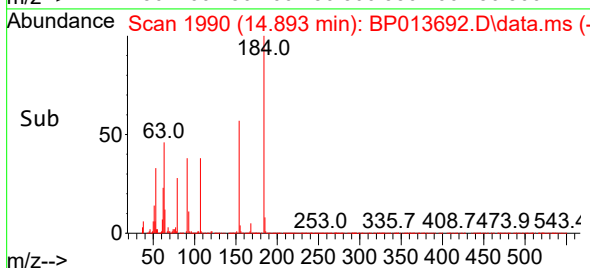
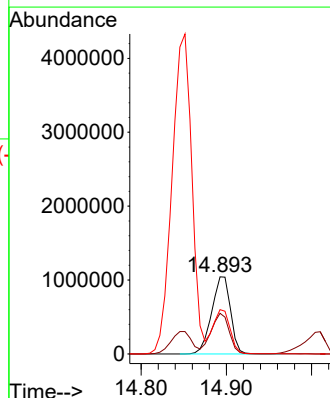
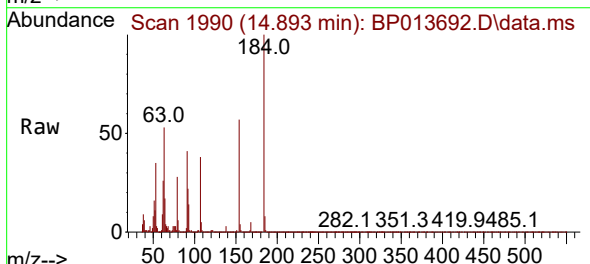
Instrument :
BNA_P
ClientSampleId :
SSTD160608

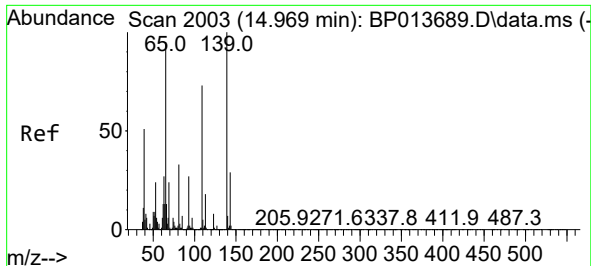
Tgt Ion:153 Resp: 7734867
Ion Ratio Lower Upper
153 100
152 48.1 38.1 57.1
154 90.7 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 216.870 ng/ul
RT: 14.893 min Scan# 1990
Delta R.T. 0.018 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion:184 Resp: 1606282
Ion Ratio Lower Upper
184 100
63 52.7 42.5 63.7
154 57.4 46.0 69.0

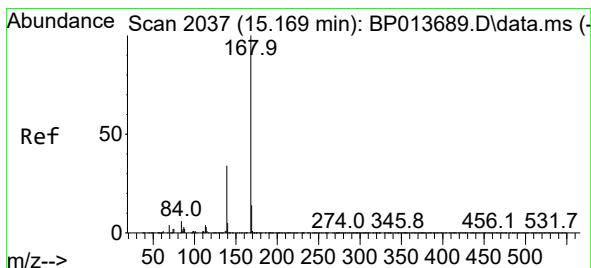
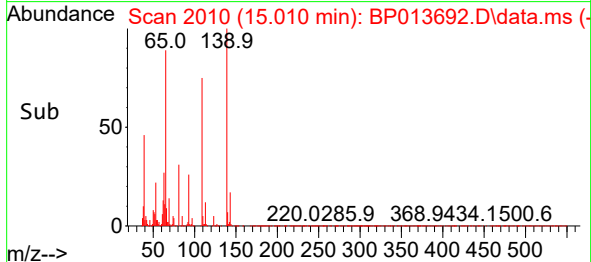
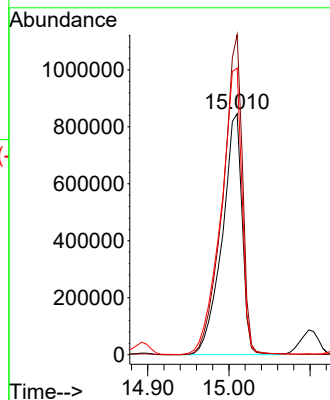
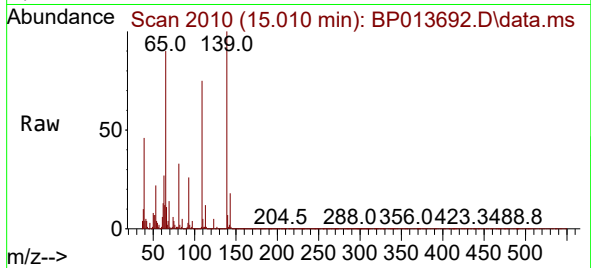




#55
4-Nitrophenol
Concen: 165.234 ng/ul
RT: 15.010 min Scan# 2000
Delta R.T. 0.041 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

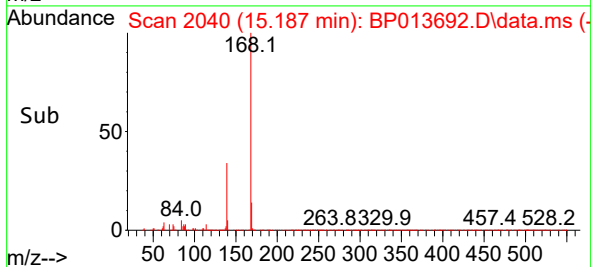
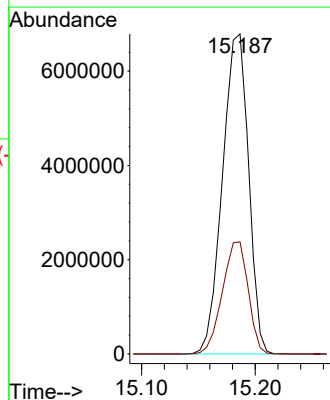
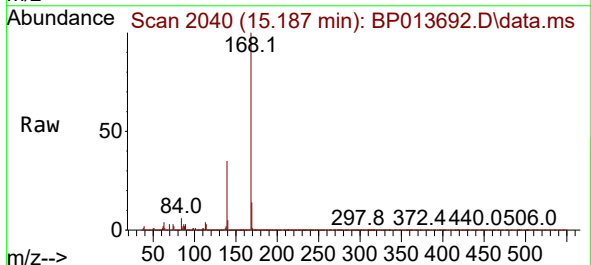
Instrument :
BNA_P
ClientSampleId :
SSTD160608

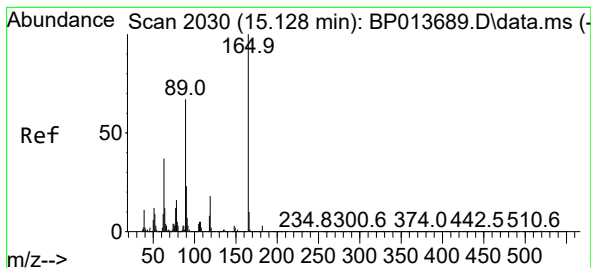
Tgt Ion:109 Resp: 1441987
Ion Ratio Lower Upper
109 100
139 132.8 109.1 163.7
65 118.9 103.5 155.3



#56
Dibenzofuran
Concen: 136.907 ng/ul
RT: 15.187 min Scan# 2040
Delta R.T. 0.018 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion:168 Resp:10813987
Ion Ratio Lower Upper
168 100
139 35.1 27.2 40.8





#57

2,4-Dinitrotoluene

Concen: 201.242 ng/ul

RT: 15.151 min Scan# 2034

Delta R.T. 0.024 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

Instrument :

BNA_P

ClientSampleId :

SSTD160608

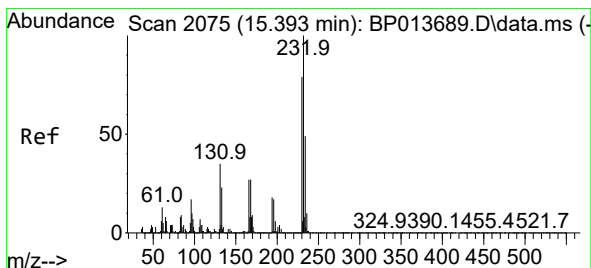
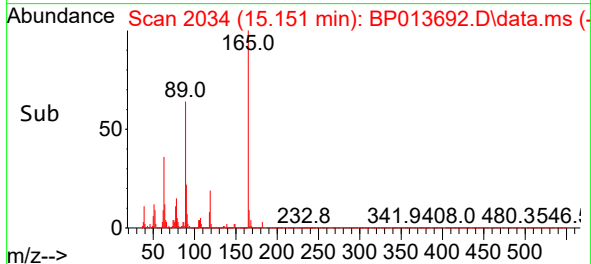
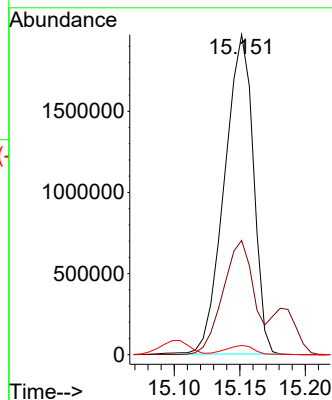
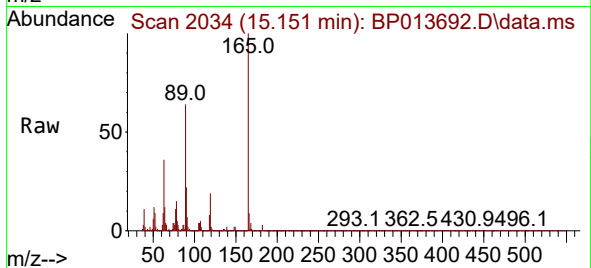
Tgt Ion:165 Resp: 3014141

Ion Ratio Lower Upper

165 100

63 35.7 29.4 44.2

182 2.9 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 163.175 ng/ul

RT: 15.404 min Scan# 2077

Delta R.T. 0.012 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

Tgt Ion:232 Resp: 3151211

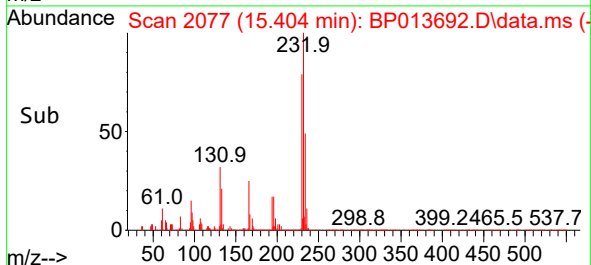
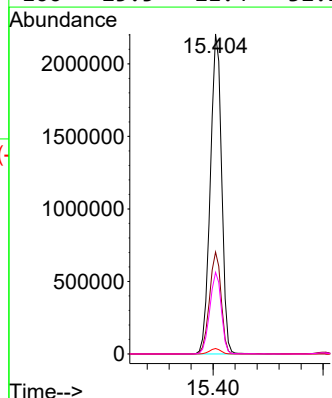
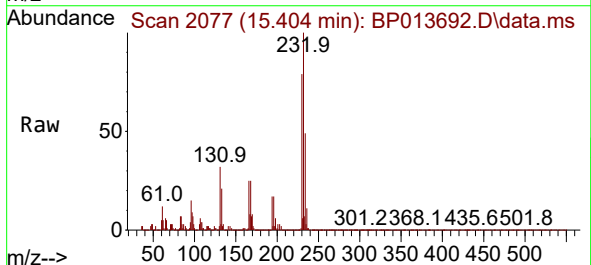
Ion Ratio Lower Upper

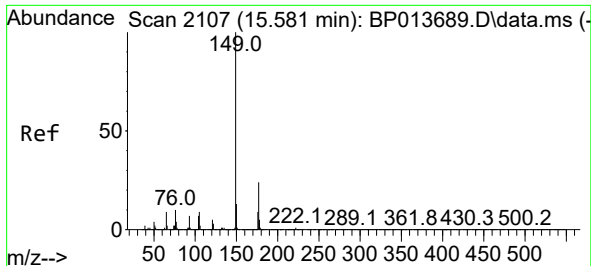
232 100

131 31.8 28.3 42.5

130 1.7 1.5 2.3

166 25.5 21.4 32.2

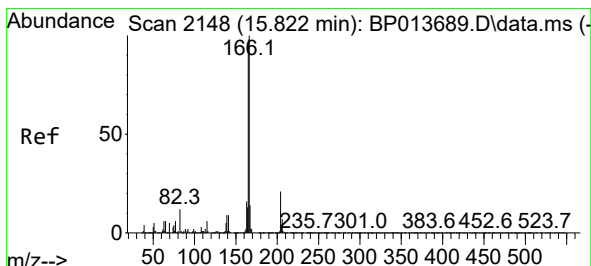
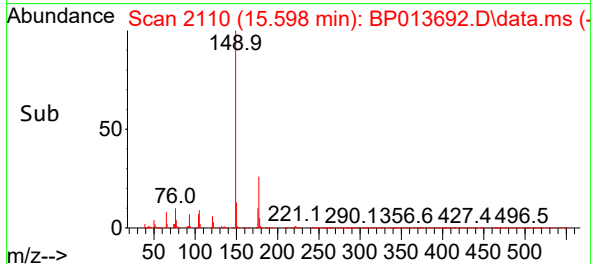
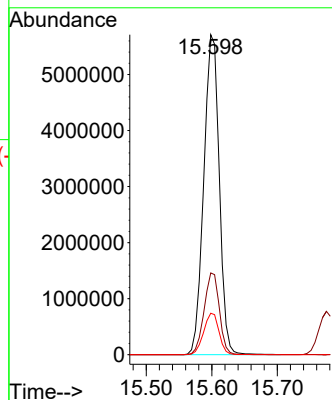
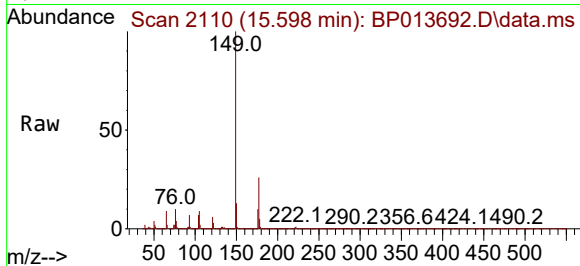




#59
Diethylphthalate
Concen: 146.472 ng/ul
RT: 15.598 min Scan# 2110
Delta R.T. 0.018 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

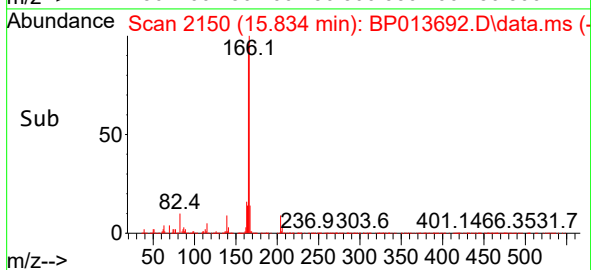
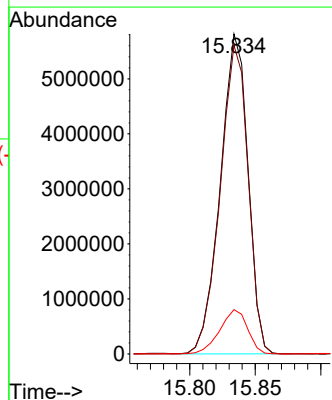
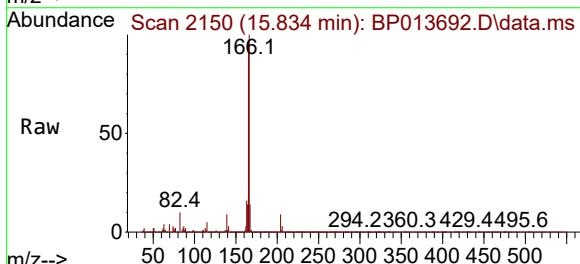
Instrument :
BNA_P
ClientSampleId :
SSTD160608

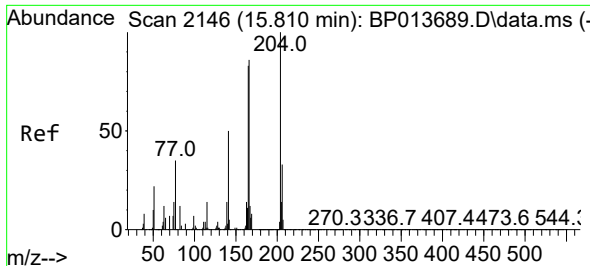
Tgt Ion:149 Resp: 9409189
Ion Ratio Lower Upper
149 100
177 25.5 19.2 28.8
150 13.0 10.0 15.0



#61
Fluorene
Concen: 132.959 ng/ul
RT: 15.834 min Scan# 2150
Delta R.T. 0.012 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion:166 Resp: 8546700
Ion Ratio Lower Upper
166 100
165 96.5 78.6 117.8
167 13.8 10.9 16.3

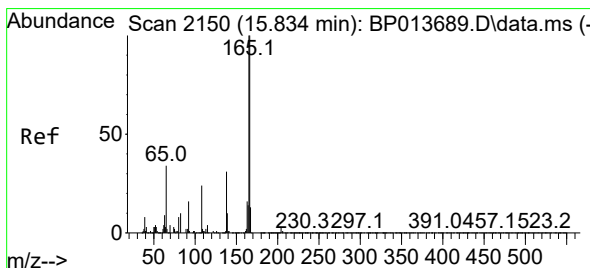
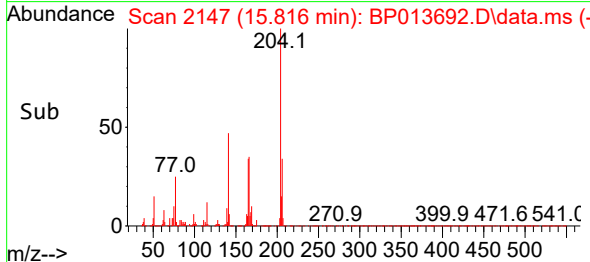
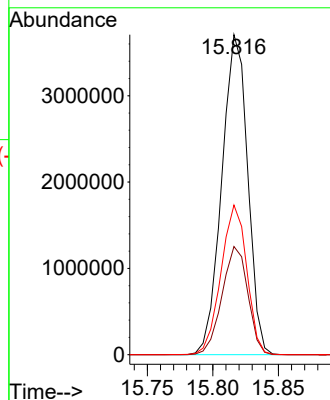
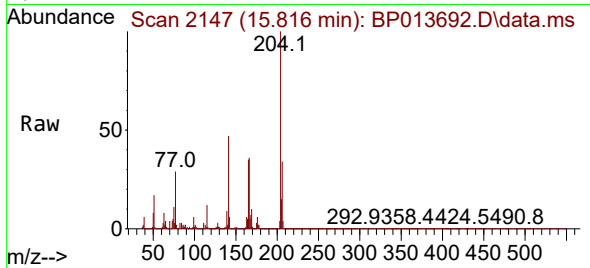




#62
4-Chlorophenyl-phenylether
Concen: 145.423 ng/ul
RT: 15.816 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

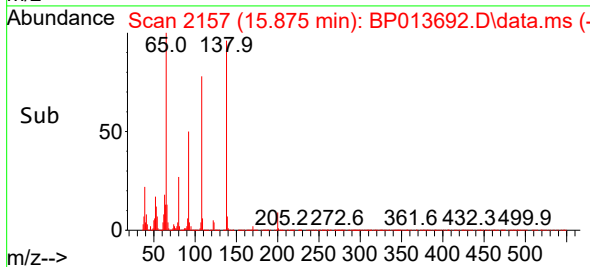
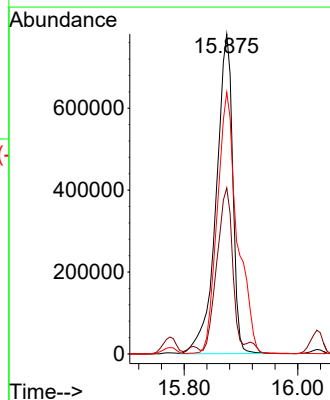
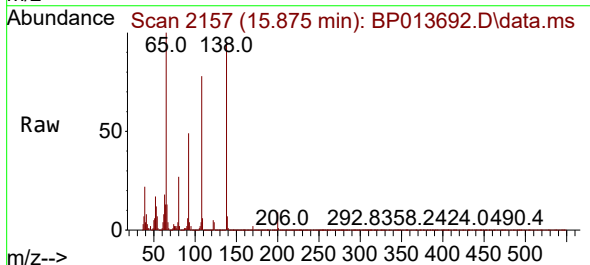
Instrument :
BNA_P
ClientSampleId :
SSTD160608

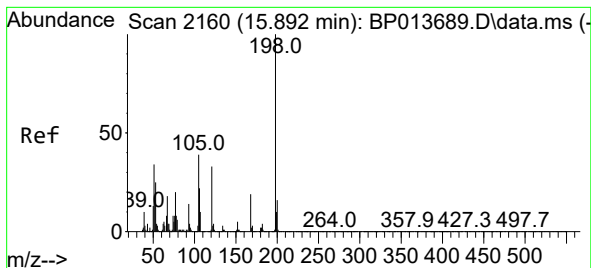
Tgt Ion:204 Resp: 5092849
Ion Ratio Lower Upper
204 100
206 33.8 26.2 39.2
141 46.7 39.7 59.5



#63
4-Nitroaniline
Concen: 167.531 ng/ul
RT: 15.875 min Scan# 2157
Delta R.T. 0.041 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion:138 Resp: 1581126
Ion Ratio Lower Upper
138 100
92 51.9 41.7 62.5
108 81.8 62.0 93.0

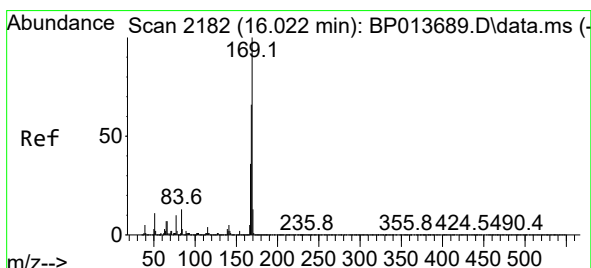
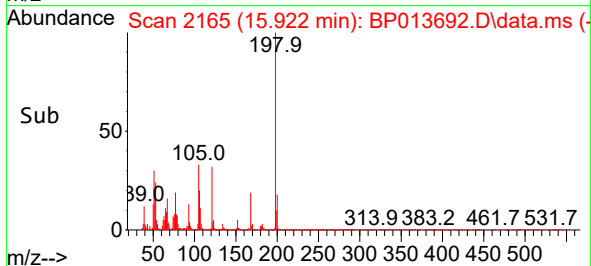
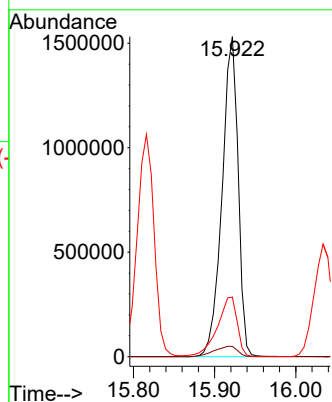
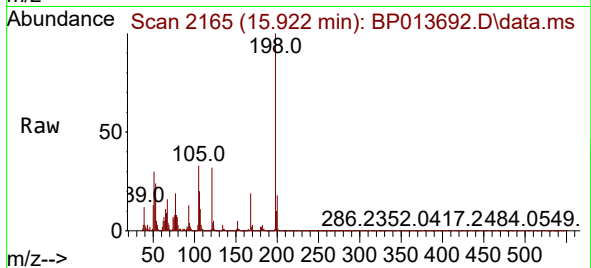




#66
4,6-Dinitro-2-methylphenol
Concen: 187.510 ng/ul
RT: 15.922 min Scan# 2165
Delta R.T. 0.029 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

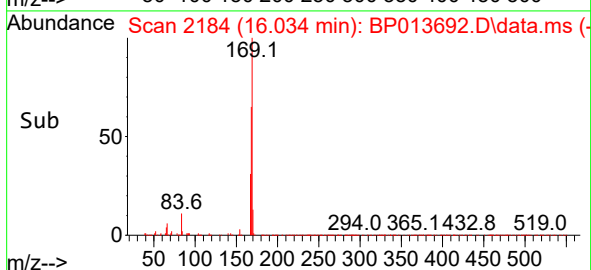
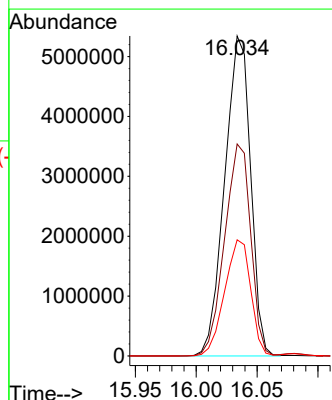
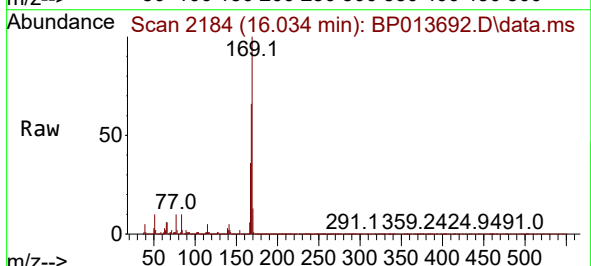
Instrument :
BNA_P
ClientSampleId :
SSTD160608

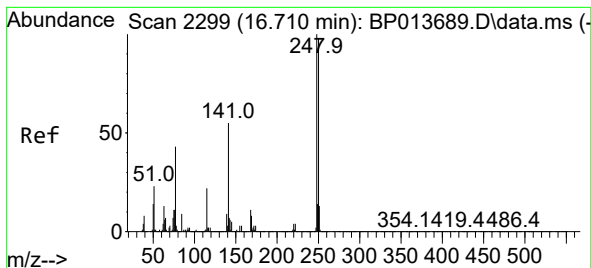
Tgt Ion:198 Resp: 2110001
Ion Ratio Lower Upper
198 100
182 3.2 3.5 5.3#
77 18.6 16.7 25.1



#67
N-Nitrosodiphenylamine
Concen: 145.282 ng/ul
RT: 16.034 min Scan# 2184
Delta R.T. 0.012 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion:169 Resp: 7911985
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.4
167 36.3 28.9 43.3

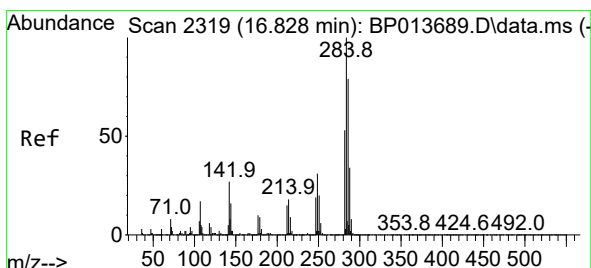
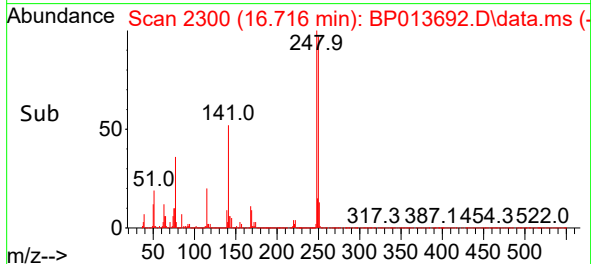
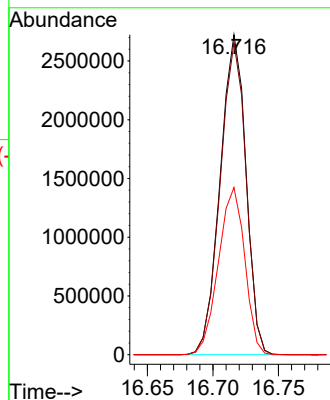
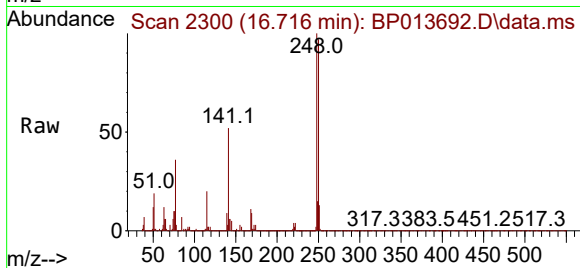




#68
4-Bromophenyl-phenylether
Concen: 162.287 ng/ul
RT: 16.716 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

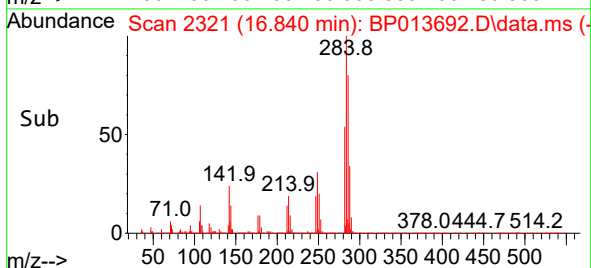
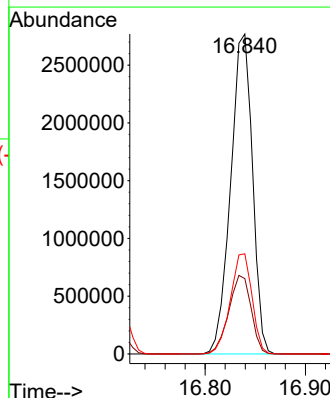
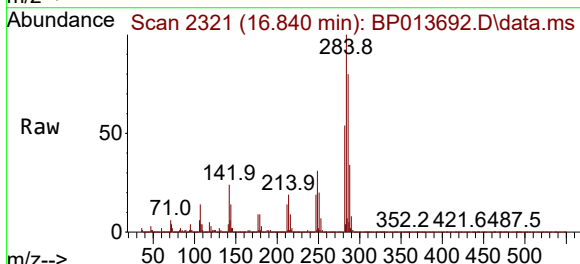
Instrument :
BNA_P
ClientSampleId :
SSTD160608

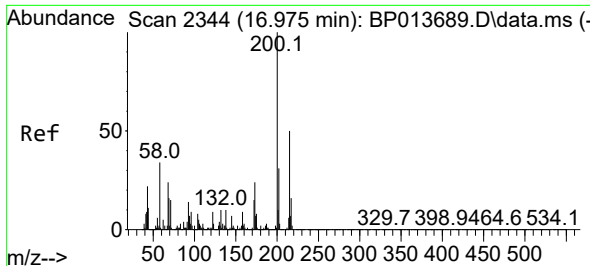
Tgt Ion:248 Resp: 3725358
Ion Ratio Lower Upper
248 100
250 97.5 78.4 117.6
141 52.3 44.2 66.2



#69
Hexachlorobenzene
Concen: 155.875 ng/ul
RT: 16.840 min Scan# 2321
Delta R.T. 0.012 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion:284 Resp: 4197884
Ion Ratio Lower Upper
284 100
142 23.6 21.4 32.2
249 31.3 24.5 36.7

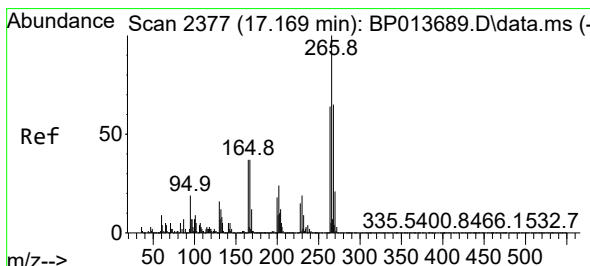
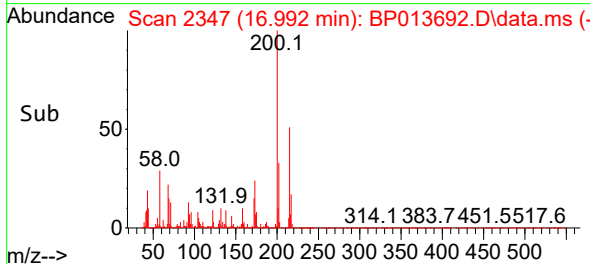
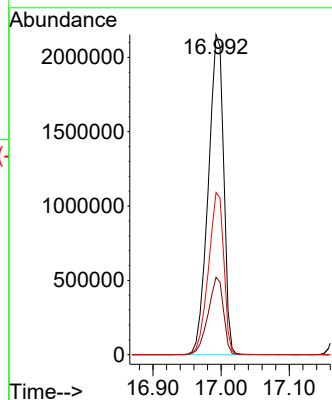
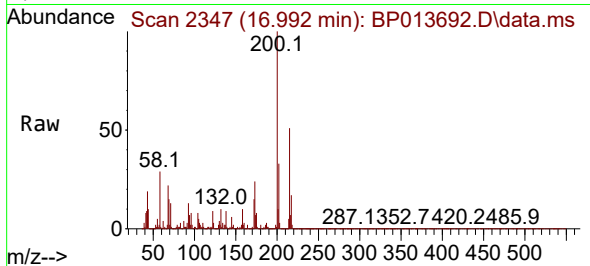




#70
Atrazine
Concen: 154.067 ng/ul
RT: 16.992 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

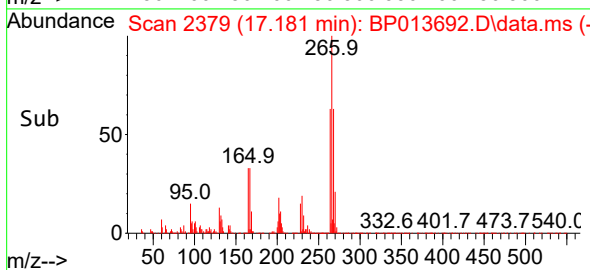
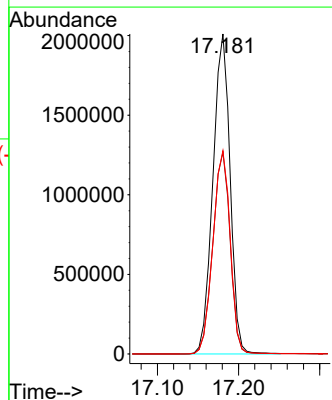
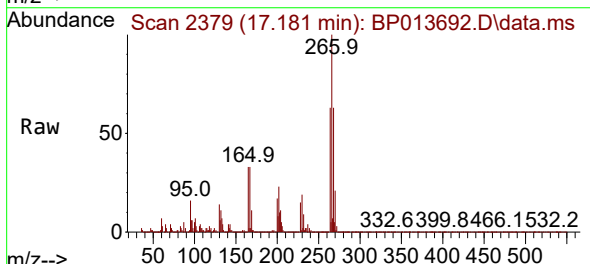
Instrument :
BNA_P
ClientSampleId :
SSTD160608

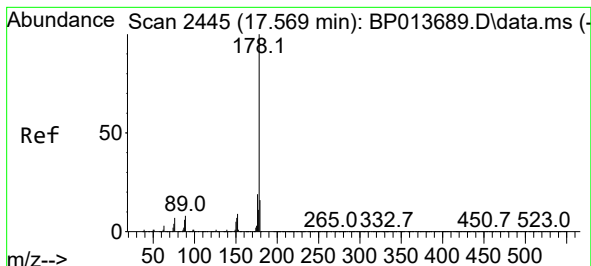
Tgt Ion:200 Resp: 3376880
Ion Ratio Lower Upper
200 100
173 24.2 19.4 29.2
215 50.6 40.2 60.4



#71
Pentachlorophenol
Concen: 172.031 ng/ul
RT: 17.181 min Scan# 2379
Delta R.T. 0.012 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion:266 Resp: 2957153
Ion Ratio Lower Upper
266 100
264 63.0 51.2 76.8
268 63.5 51.8 77.8





#72

Phenanthrene

Concen: 135.999 ng/ul

RT: 17.581 min Scan# 2447

Delta R.T. 0.012 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

Instrument :

BNA_P

ClientSampleId :

SSTD160608

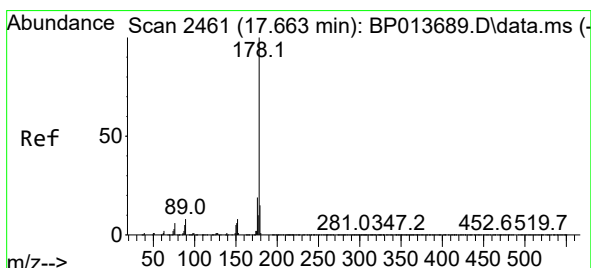
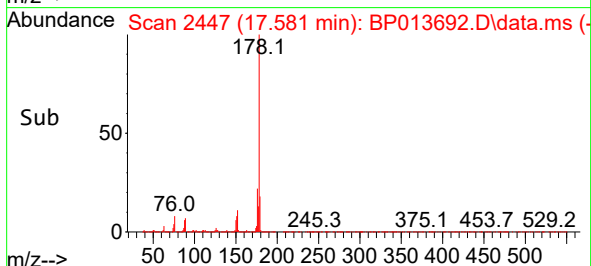
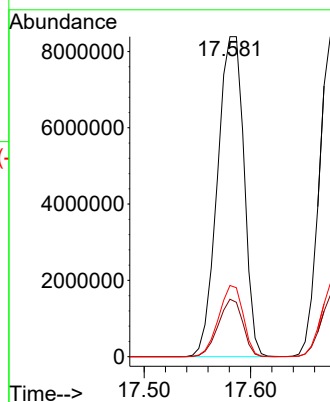
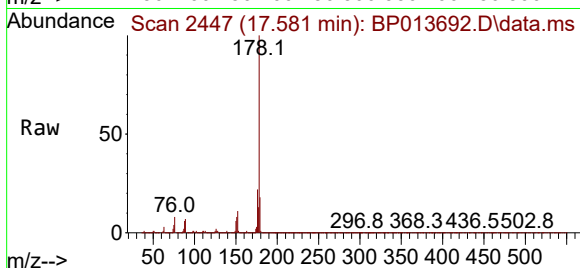
Tgt Ion:178 Resp:14494540

Ion Ratio Lower Upper

178 100

179 18.0 12.6 18.8

176 22.2 15.4 23.2



#74

Anthracene

Concen: 134.275 ng/ul

RT: 17.581 min Scan# 2447

Delta R.T. -0.082 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

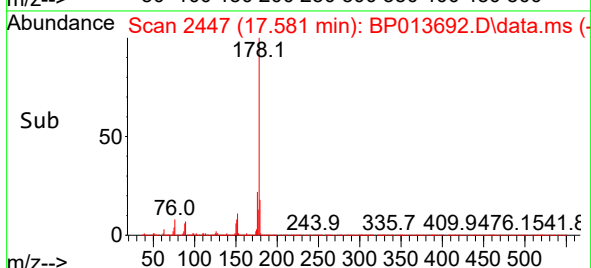
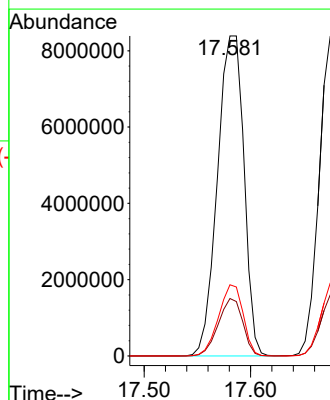
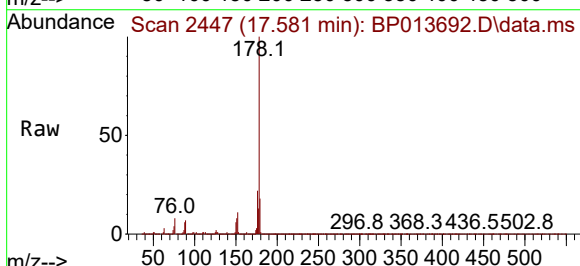
Tgt Ion:178 Resp:14494540

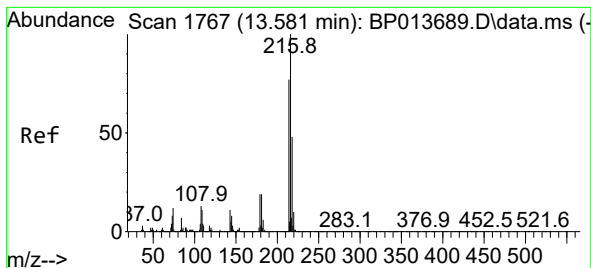
Ion Ratio Lower Upper

178 100

179 18.0 12.2 18.4

176 22.2 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 164.596 ng/uL

RT: 13.587 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

Instrument :

BNA_P

ClientSampleId :

SSTD160608

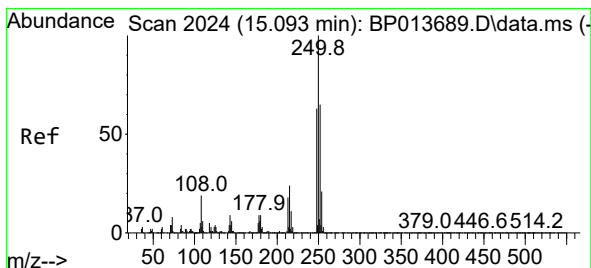
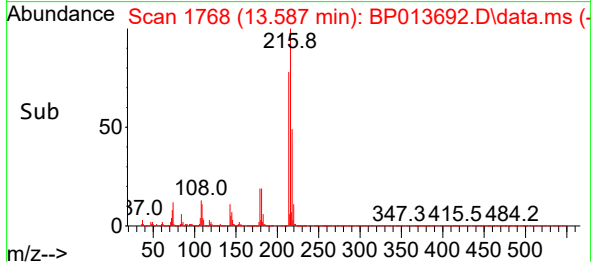
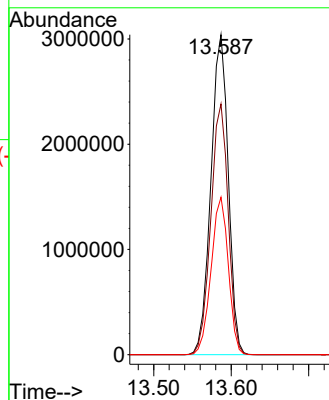
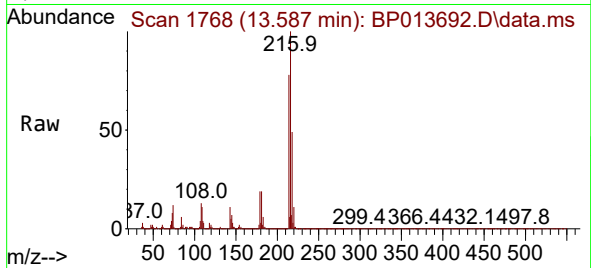
Tgt Ion:216 Resp: 4731231

Ion Ratio Lower Upper

216 100

214 78.3 61.4 92.0

218 49.2 38.4 57.6



#76

Pentachlorobenzene

Concen: 160.660 ng/uL

RT: 15.104 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

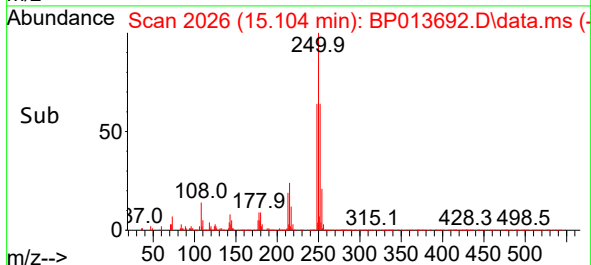
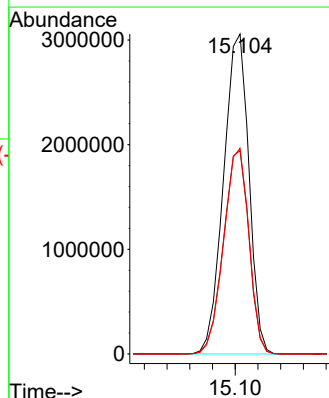
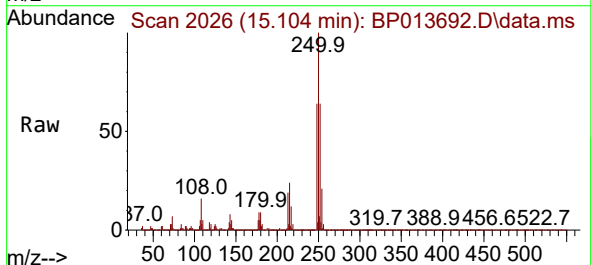
Tgt Ion:250 Resp: 4734421

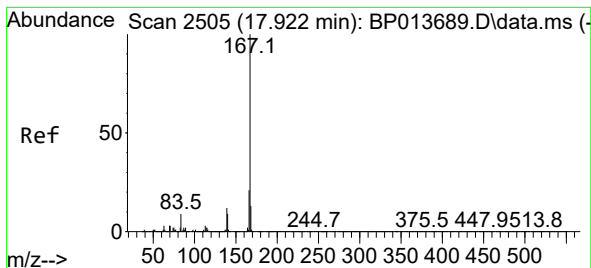
Ion Ratio Lower Upper

250 100

248 63.6 50.3 75.5

252 64.3 51.8 77.8





#77

Carbazole

Concen: 141.911 ng/ul

RT: 17.939 min Scan# 2508

Delta R.T. 0.018 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

Instrument :

BNA_P

ClientSampleId :

SSTD160608

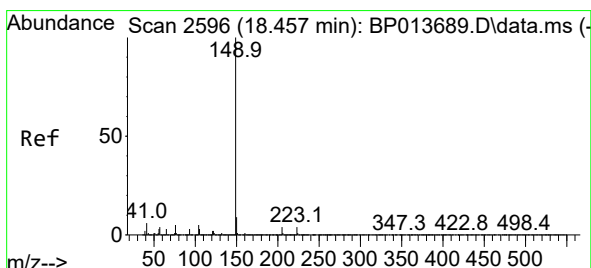
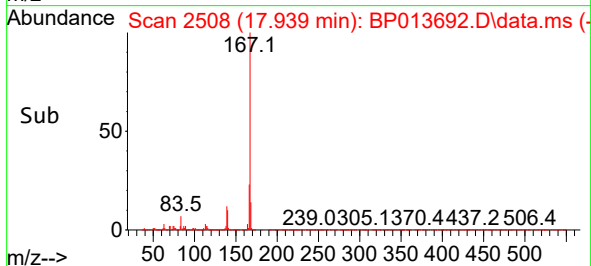
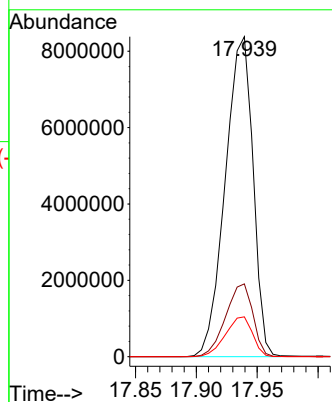
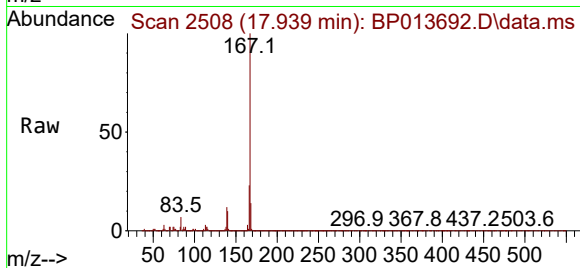
Tgt Ion:167 Resp:13289747

Ion Ratio Lower Upper

167 100

166 22.8 17.1 25.7

139 12.4 9.4 14.2



#78

Di-n-butylphthalate

Concen: 120.348 ng/ul

RT: 18.463 min Scan# 2597

Delta R.T. 0.006 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

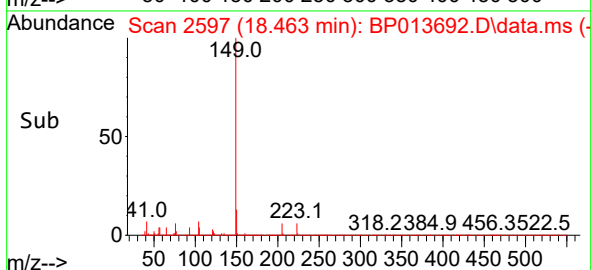
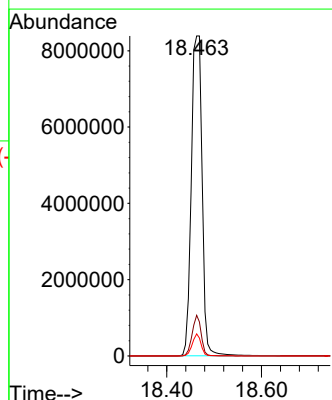
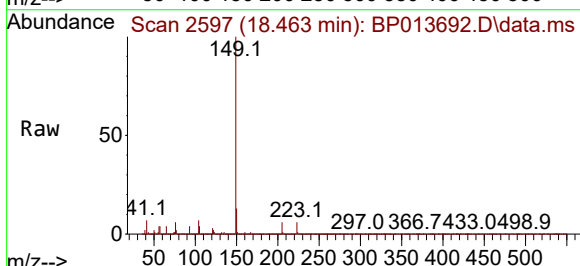
Tgt Ion:149 Resp:13316515

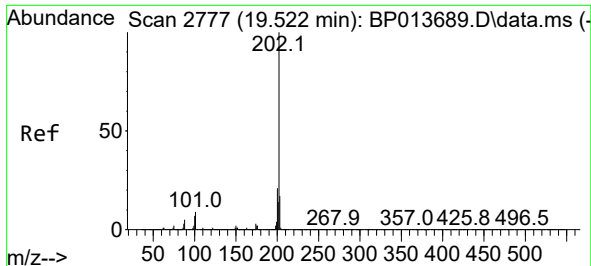
Ion Ratio Lower Upper

149 100

150 12.7 7.4 11.0#

104 6.9 3.8 5.8#

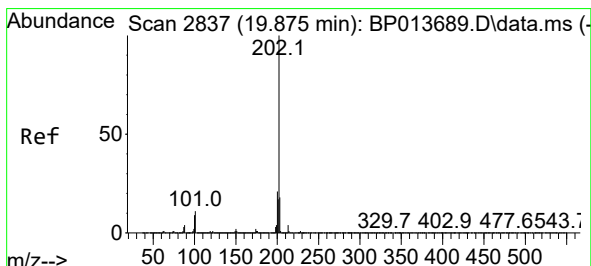
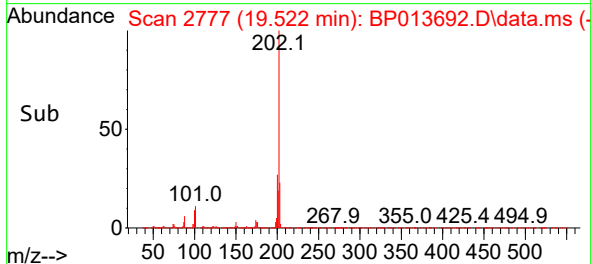
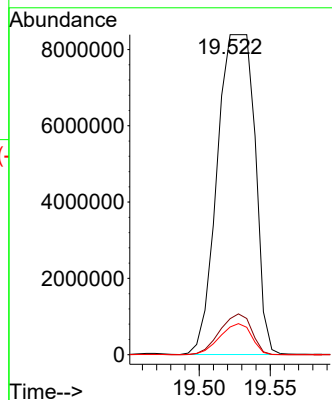
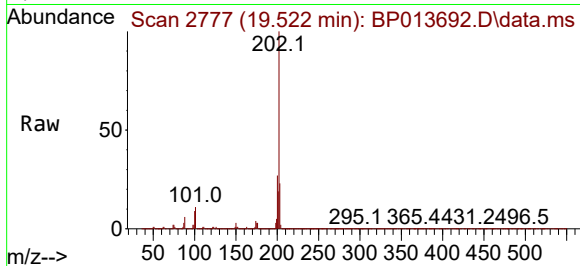




#80
Fluoranthene
Concen: 131.756 ng/ul
RT: 19.522 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

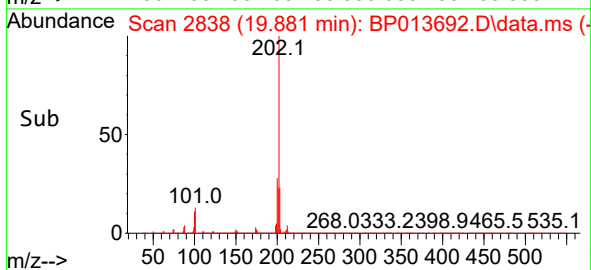
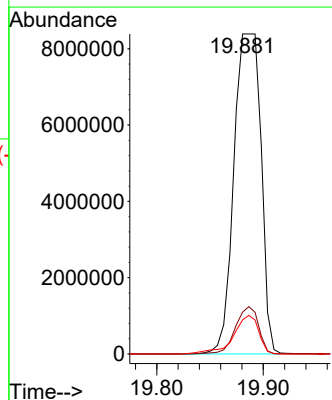
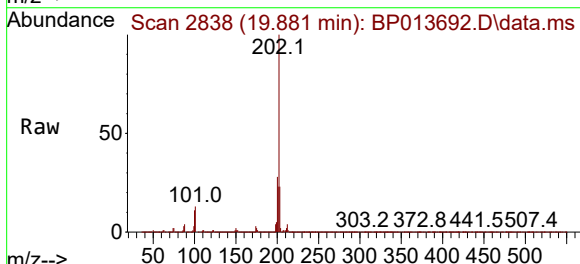
Instrument :
BNA_P
ClientSampleId :
SSTD160608

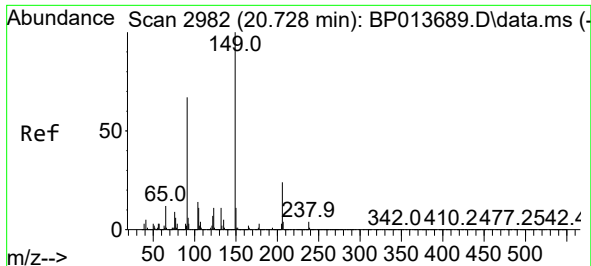
Tgt Ion:202 Resp:15450414
Ion Ratio Lower Upper
202 100
101 11.3 7.6 11.4
100 8.6 5.7 8.5#



#82
Pyrene
Concen: 123.794 ng/ul
RT: 19.881 min Scan# 2838
Delta R.T. 0.006 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion:202 Resp:14841827
Ion Ratio Lower Upper
202 100
101 13.1 8.8 13.2
100 10.6 7.3 10.9

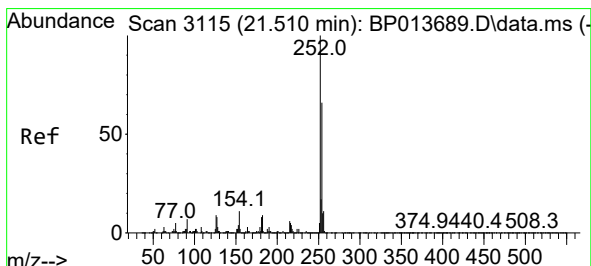
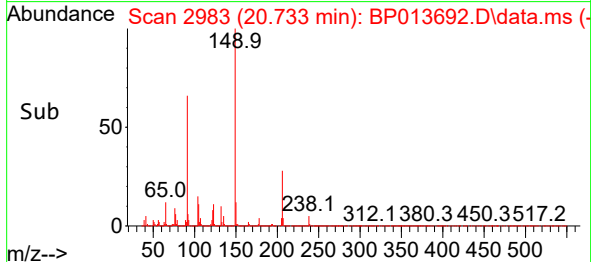
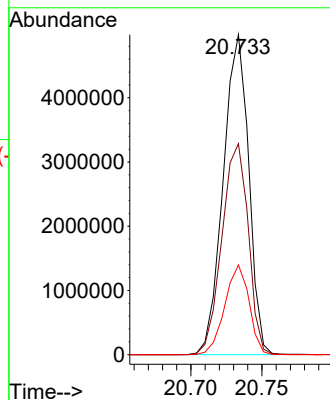
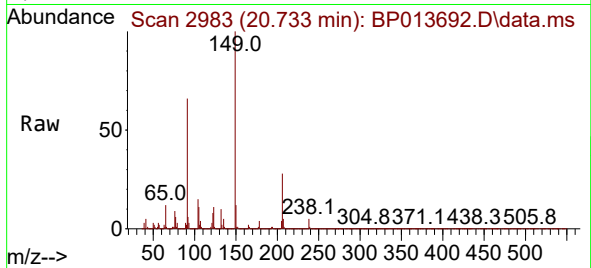




#83
Butylbenzylphthalate
Concen: 180.617 ng/ul
RT: 20.733 min Scan# 2982
Delta R.T. 0.006 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

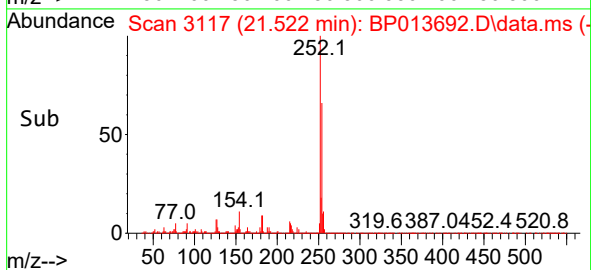
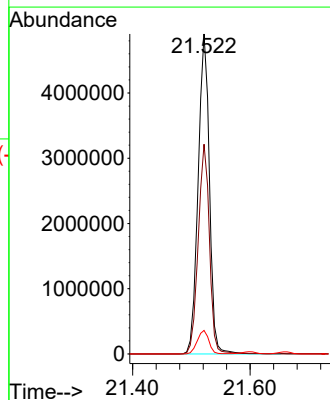
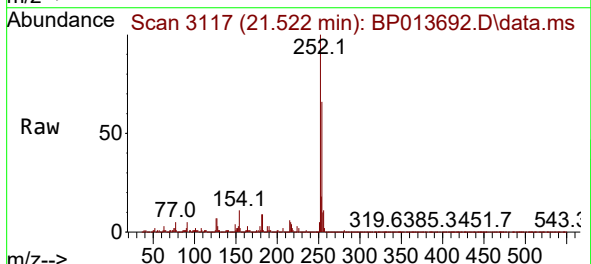
Instrument :
BNA_P
ClientSampleId :
SSTD160608

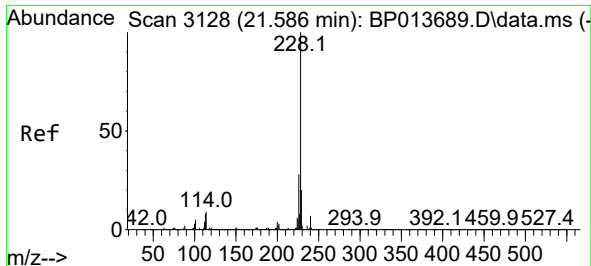
Tgt Ion:149 Resp: 6221431
Ion Ratio Lower Upper
149 100
91 66.0 53.9 80.9
206 28.1 19.4 29.2



#84
3,3'-Dichlorobenzidine
Concen: 159.312 ng/ul
RT: 21.522 min Scan# 3117
Delta R.T. 0.012 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion:252 Resp: 6527043
Ion Ratio Lower Upper
252 100
254 65.6 52.6 79.0
126 7.4 7.0 10.6

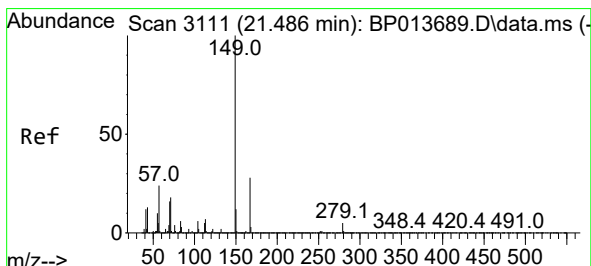
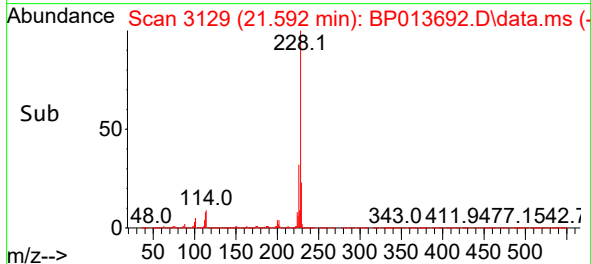
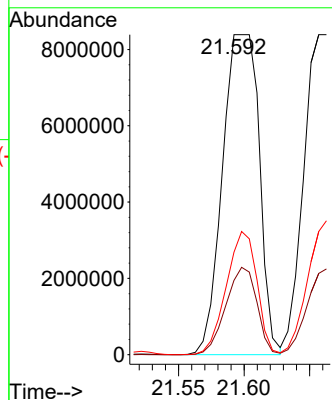
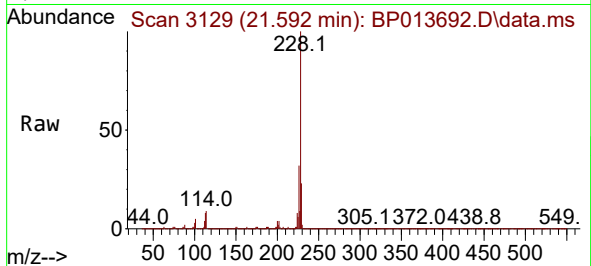




#85
Benzo(a)anthracene
Concen: 131.950 ng/ul
RT: 21.592 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

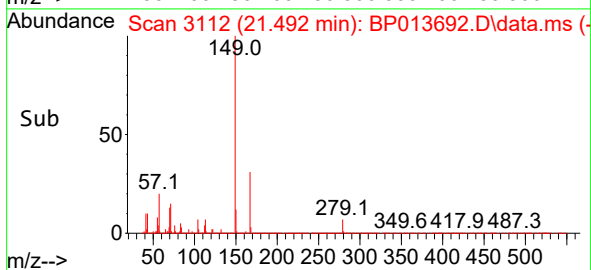
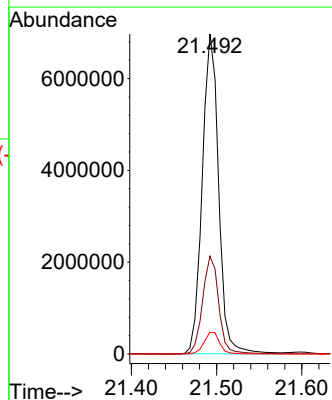
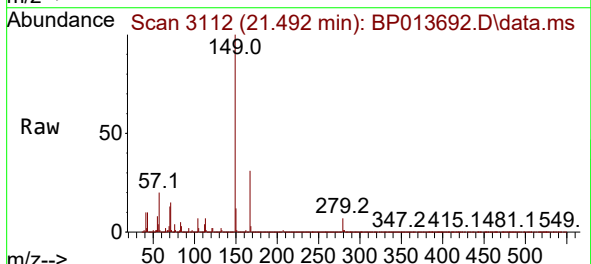
Instrument :
BNA_P
ClientSampleId :
SSTD160608

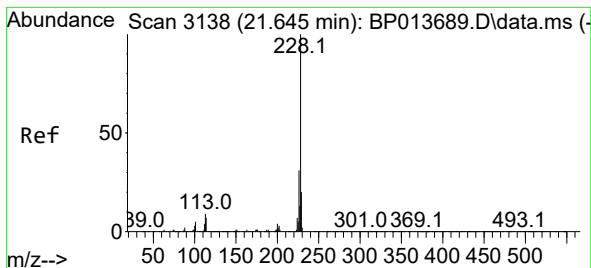
Tgt Ion:228 Resp:16363227
Ion Ratio Lower Upper
228 100
229 23.2 15.8 23.8
226 32.0 22.0 33.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 157.795 ng/ul
RT: 21.492 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BP013692.D
Acq: 01 Feb 2023 12:59

Tgt Ion:149 Resp: 9318772
Ion Ratio Lower Upper
149 100
167 30.6 22.7 34.1
279 6.8 3.9 5.9#





#87

Chrysene

Concen: 140.151 ng/ul

RT: 21.592 min Scan# 3138

Delta R.T. -0.053 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

Instrument :

BNA_P

ClientSampleId :

SSTD160608

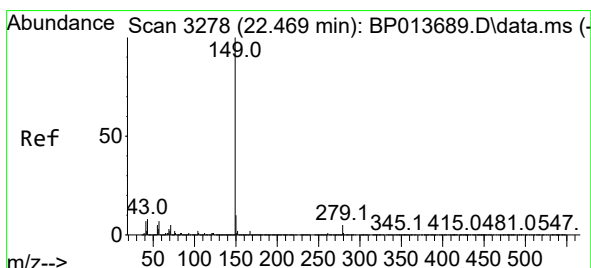
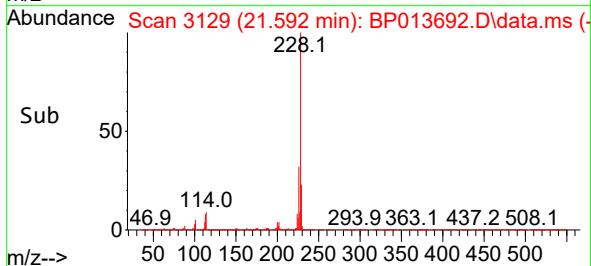
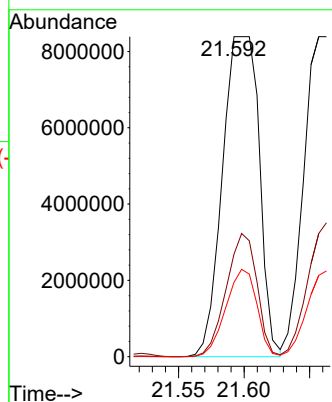
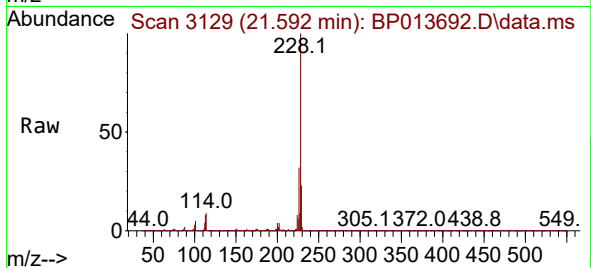
Tgt Ion:228 Resp:16363227

Ion Ratio Lower Upper

228 100

226 32.0 24.5 36.7

229 23.2 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 162.124 ng/ul

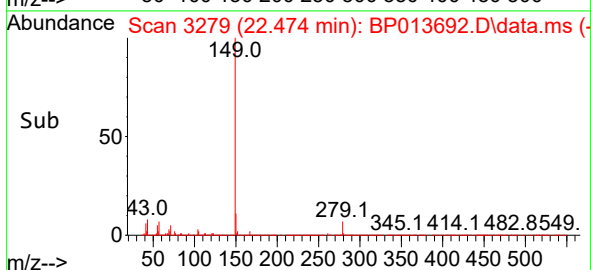
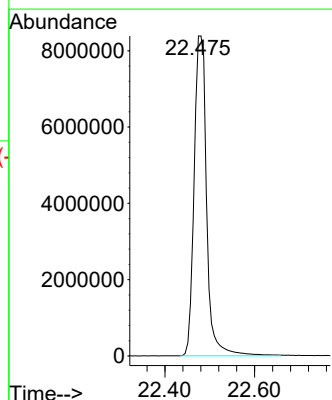
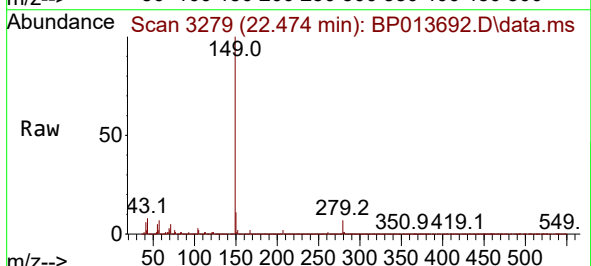
RT: 22.474 min Scan# 3279

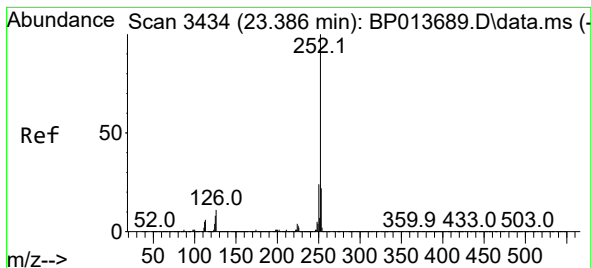
Delta R.T. 0.006 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

Tgt Ion:149 Resp:16247176





#90

Benzo(b)fluoranthene

Concen: 160.901 ng/ul

RT: 23.410 min Scan# 3438

Delta R.T. 0.024 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

Instrument :

BNA_P

ClientSampleId :

SSTD160608

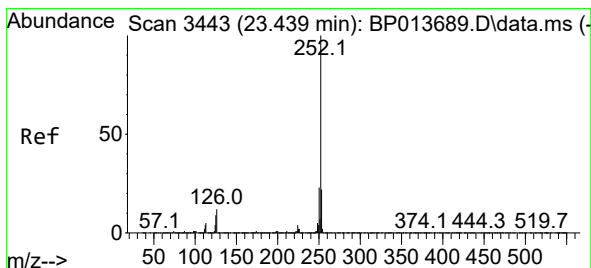
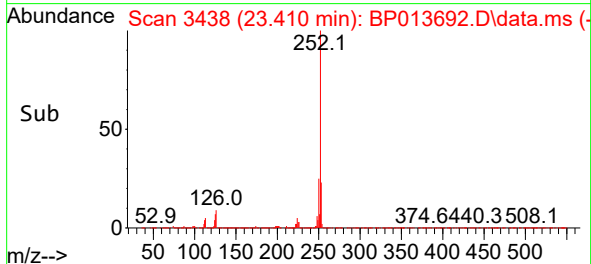
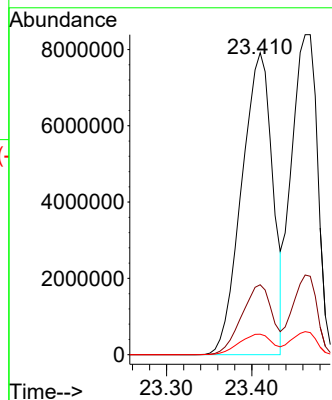
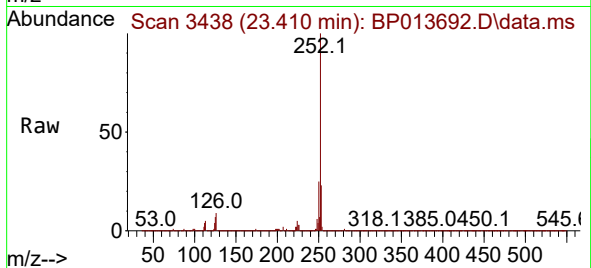
Tgt Ion:252 Resp:19982256

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

125 6.8 6.5 9.7



#91

Benzo(k)fluoranthene

Concen: 150.118 ng/ul

RT: 23.463 min Scan# 3447

Delta R.T. 0.024 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

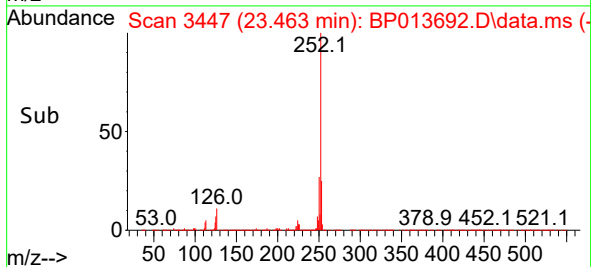
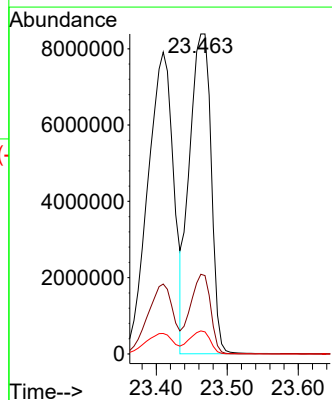
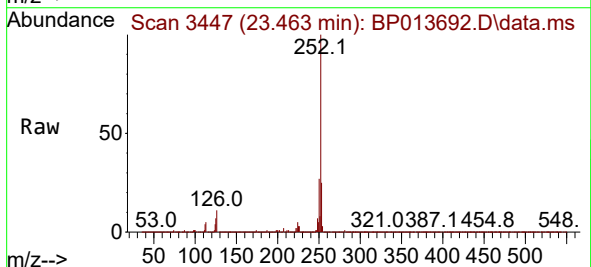
Tgt Ion:252 Resp:17817985

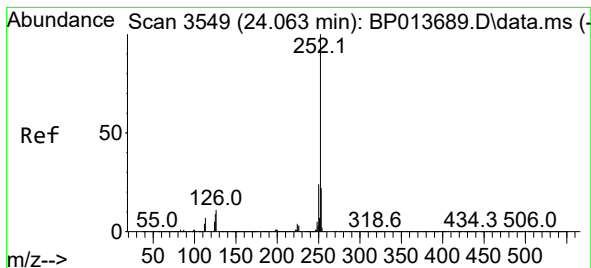
Ion Ratio Lower Upper

252 100

253 24.9 17.5 26.3

125 7.2 6.7 10.1





#93

Benzo(a)pyrene

Concen: 155.993 ng/ul

RT: 24.104 min Scan# 3

Delta R.T. 0.041 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

Instrument :

BNA_P

ClientSampleId :

SSTD160608

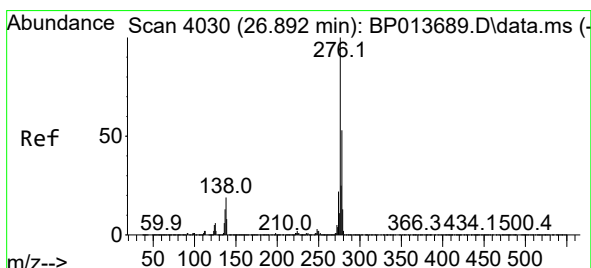
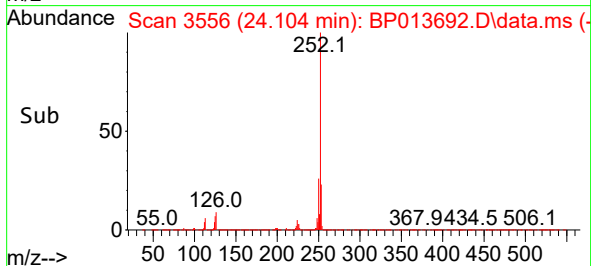
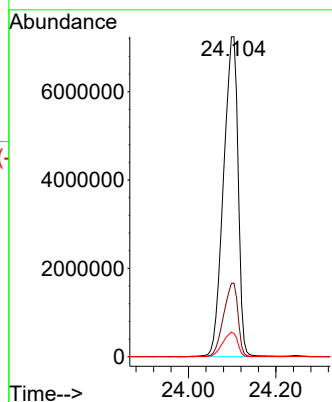
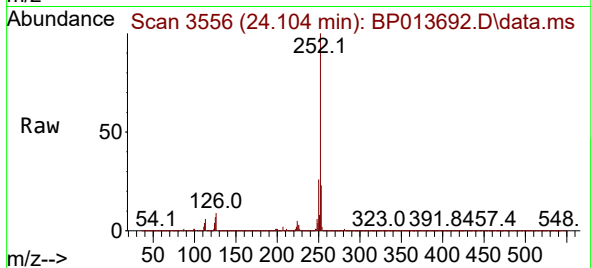
Tgt Ion:252 Resp:16724825

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 7.3 7.3 10.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 152.130 ng/ul

RT: 26.951 min Scan# 4040

Delta R.T. 0.059 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

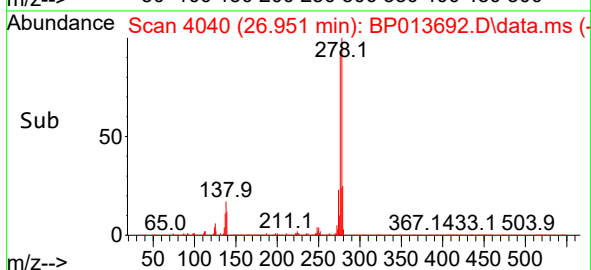
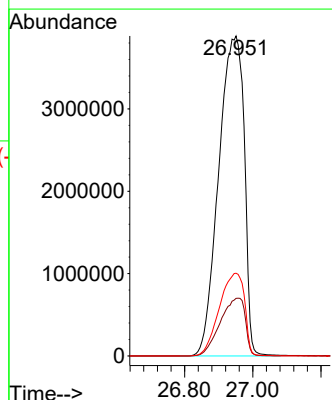
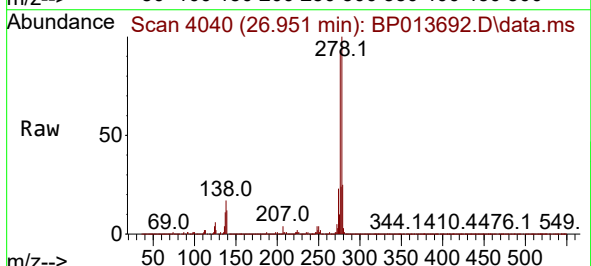
Tgt Ion:276 Resp:20208344

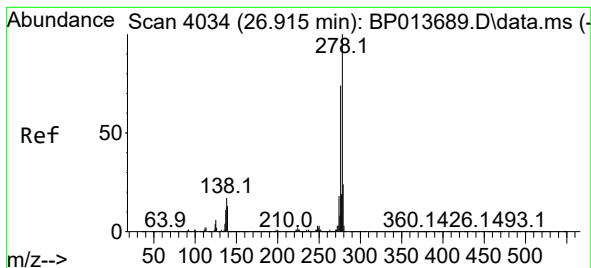
Ion Ratio Lower Upper

276 100

138 18.0 15.0 22.6

277 25.9 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 148.664 ng/ul

RT: 26.968 min Scan# 4034

Delta R.T. 0.053 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

Instrument :

BNA_P

ClientSampleId :

SSTD160608

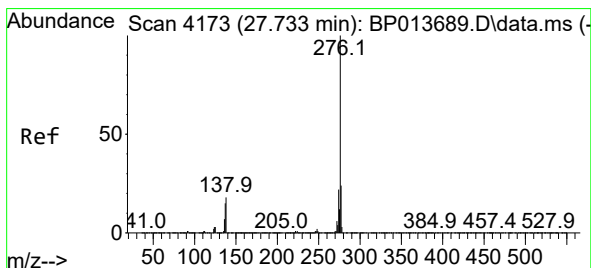
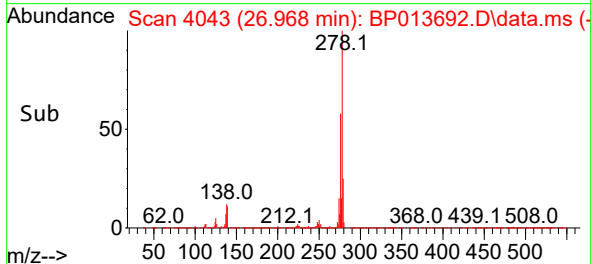
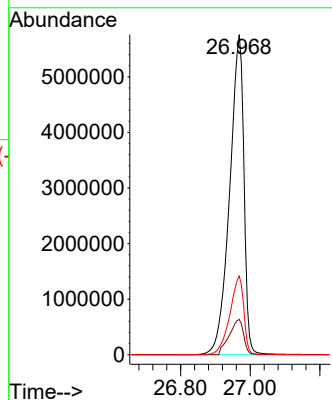
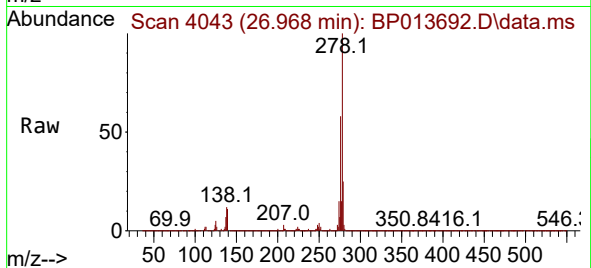
Tgt Ion:278 Resp:16371447

Ion Ratio Lower Upper

278 100

139 11.0 10.2 15.4

279 24.6 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 153.886 ng/ul

RT: 27.792 min Scan# 4183

Delta R.T. 0.059 min

Lab File: BP013692.D

Acq: 01 Feb 2023 12:59

Tgt Ion:276 Resp:16171613

Ion Ratio Lower Upper

276 100

138 16.0 14.3 21.5

277 24.1 19.2 28.8

