

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010523\
 Data File : BP013400.D
 Acq On : 05 Jan 2023 16:35
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV602

Quant Time: Jan 06 01:06:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 06 01:03:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	452997	20.000	ng/u1	0.00
20) Naphthalene-d8	10.734	136	1869514	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	1222000	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	2750805	20.000	ng/u1	0.00
79) Chrysene-d12	21.410	240	2772812	20.000	ng/u1	0.00
88) Perylene-d12	23.874	264	3023970	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	84423	7.244	ng/uL	0.00
4) Pyridine-d5	3.740	84	601253	18.497	ng/u1	0.00
7) Phenol-d5	7.081	99	704176	18.733	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	474830	20.023	ng/u1	0.00
11) 2-Chlorophenol-d4	7.446	132	580243	20.699	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	566069	19.766	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	274147	20.595	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	313405	21.508	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	614598	21.164	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	814311	19.905	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	1826466	20.515	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	2037153	20.671	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	311270	19.101	ng/u1	0.00
60) Fluorene-d10	15.557	176	1571360	19.982	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	339743	19.478	ng/u1	0.00
73) Anthracene-d10	17.422	188	2470778	20.321	ng/u1	0.00
81) Pyrene-d10	19.657	212	3007561	19.936	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.710	264	2992712	20.148	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	90792	7.074	ng/uL	96
5) Pyridine	3.758	79	601040	18.285	ng/u1	100
6) Benzaldehyde	7.058	77	286095	19.955	ng/u1	96
8) Phenol	7.111	94	729565	18.761	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.340	93	616633	20.053	ng/u1	100
12) 2-Chlorophenol	7.481	128	592540	20.291	ng/u1	96
13) 2-Methylphenol	8.364	108	545005	19.515	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.452	45	974409	20.535	ng/u1	99
16) Acetophenone	8.752	105	935972	20.708	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.734	70	478784	22.157	ng/u1	98
18) 4-Methylphenol	8.693	108	608069	19.808	ng/u1	99
19) Hexachloroethane	9.005	117	248253	21.099	ng/u1	97
22) Nitrobenzene	9.128	77	695465	20.016	ng/u1	98
23) Isophorone	9.658	82	1309712	21.539	ng/u1	99
25) 2-Nitrophenol	9.846	139	338980	21.396	ng/u1	97
26) 2,4-Dimethylphenol	9.905	107	662814	20.054	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.140	93	836338	20.814	ng/u1	99
29) 2,4-Dichlorophenol	10.375	162	602321	20.732	ng/u1	100
30) Naphthalene	10.781	128	1952906	19.636	ng/u1	100
32) 4-Chloroaniline	10.899	127	822398	19.994	ng/u1	98
33) Hexachlorobutadiene	11.063	225	446960	21.424	ng/u1	99
34) Caprolactam	11.681	113	104473	12.087	ng/u1	99
35) 4-Chloro-3-methylphenol	12.016	107	597234	21.299	ng/u1	99
36) 2-Methylnaphthalene	12.387	142	1311592	20.621	ng/u1	98

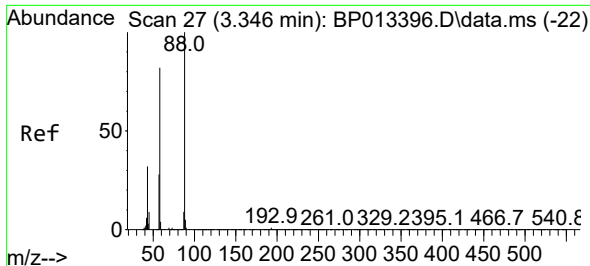
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	1351382	20.483	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.757	216	833935	19.906	ng/ul	98
40) Hexachlorocyclopentadiene	12.734	237	506152	20.083	ng/ul	98
41) 2,4,6-Trichlorophenol	12.999	196	509199	20.662	ng/ul	99
42) 2,4,5-Trichlorophenol	13.069	196	547740	20.424	ng/ul	95
43) 1,1'-Biphenyl	13.399	154	1822566	19.645	ng/ul	99
44) 2-Chloronaphthalene	13.440	162	1455013	19.435	ng/ul	99
45) 2-Nitroaniline	13.651	65	371323	20.496	ng/ul	96
47) Dimethylphthalate	14.022	163	1838008	20.664	ng/ul	100
48) 2,6-Dinitrotoluene	14.146	165	344392	22.359	ng/ul	95
50) Acenaphthylene	14.287	152	2195167	20.212	ng/ul	100
51) 3-Nitroaniline	14.475	138	287739	17.637	ng/ul	96
52) Acenaphthene	14.628	153	1523351	19.597	ng/ul	99
53) 2,4-Dinitrophenol	14.687	184	213162	18.592	ng/ul	93
55) 4-Nitrophenol	14.781	109	235877	19.043	ng/ul	96
56) Dibenzofuran	14.963	168	2188400	19.602	ng/ul	99
57) 2,4-Dinitrotoluene	14.934	165	503636	21.997	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.193	232	497736	21.275	ng/ul	99
59) Diethylphthalate	15.381	149	1773665	21.304	ng/ul	100
61) Fluorene	15.616	166	1787890	20.062	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.604	204	966293	20.764	ng/ul	97
63) 4-Nitroaniline	15.640	138	274531	18.200	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.698	198	341806	19.853	ng/ul#	96
67) N-Nitrosodiphenylamine	15.822	169	1502501	20.196	ng/ul	98
68) 4-Bromophenyl-phenylether	16.504	248	607712	21.328	ng/ul	96
69) Hexachlorobenzene	16.622	284	705769	20.543	ng/ul	97
70) Atrazine	16.781	200	590665	20.768	ng/ul	99
71) Pentachlorophenol	16.969	266	405208	19.815	ng/ul	98
72) Phenanthrene	17.363	178	2868970	19.618	ng/ul	100
74) Anthracene	17.457	178	2888874	19.998	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.363	216	816032	19.644	ng/ul	99
76) Pentachlorobenzene	14.881	250	814205	20.131	ng/ul	99
77) Carbazole	17.728	167	2487939	19.884	ng/ul	99
78) Di-n-butylphthalate	18.269	149	2933249	23.904	ng/ul	99
80) Fluoranthene	19.328	202	3458746	20.031	ng/ul	98
82) Pyrene	19.681	202	3632942	19.857	ng/ul	98
83) Butylbenzylphthalate	20.545	149	1333562	24.021	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.322	252	1106531	21.654	ng/ul	98
85) Benzo(a)anthracene	21.392	228	3698014	20.139	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	1959883	25.344	ng/ul	99
87) Chrysene	21.451	228	3515311	19.641	ng/ul	100
89) Di-n-octyl phthalate	22.251	149	3227257	24.899	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	3722699	19.466	ng/ul	99
91) Benzo(k)fluoranthene	23.169	252	3791022	20.775	ng/ul	99
93) Benzo(a)pyrene	23.763	252	3371014	20.076	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.445	276	4533004	19.483	ng/ul	98
95) Dibenzo(a,h)anthracene	26.457	278	3777233	19.462	ng/ul	99
96) Benzo(g,h,i)perylene	27.233	276	3621827	18.927	ng/ul	99

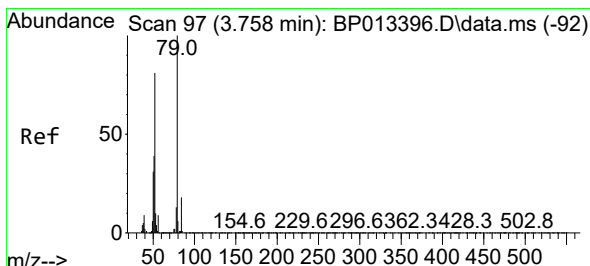
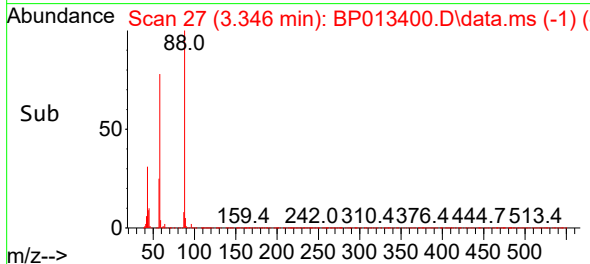
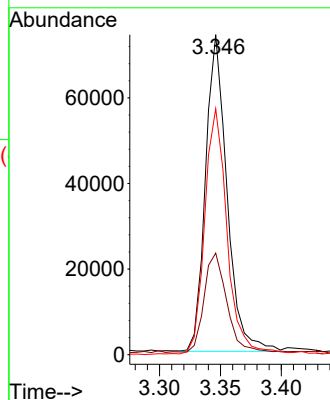
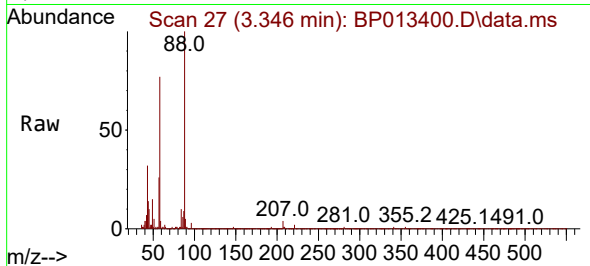
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#2
1,4-Dioxane
Concen: 7.074 ng/uL
RT: 3.346 min Scan# 21
Delta R.T. 0.000 min
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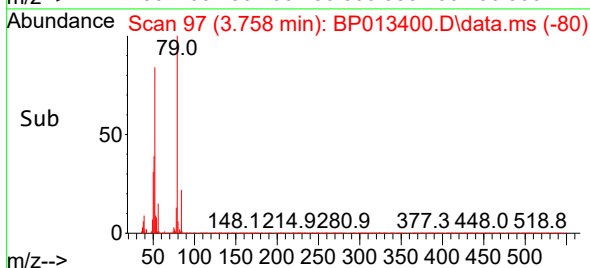
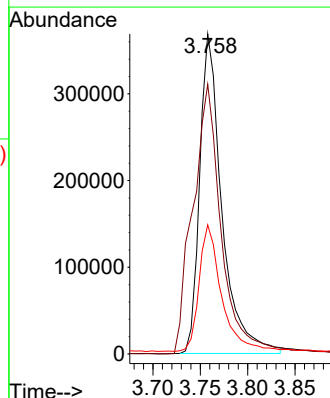
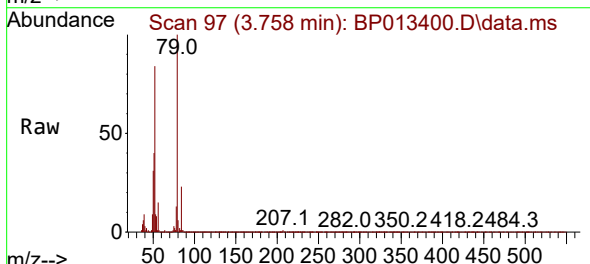
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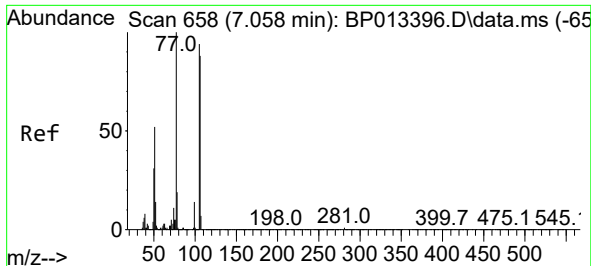
Tgt Ion: 88 Resp: 90792
Ion Ratio Lower Upper
88 100
43 31.8 26.6 40.0
58 76.8 64.7 97.1



#5
Pyridine
Concen: 18.285 ng/uL
RT: 3.758 min Scan# 97
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion: 79 Resp: 601040
Ion Ratio Lower Upper
79 100
52 84.3 67.7 101.5
51 40.3 32.3 48.5

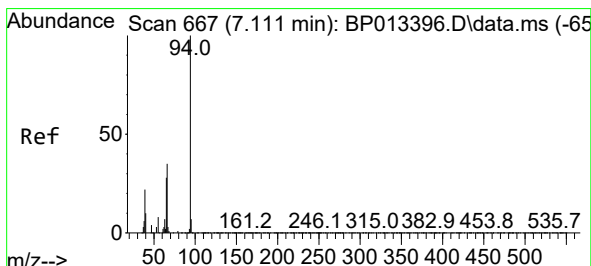
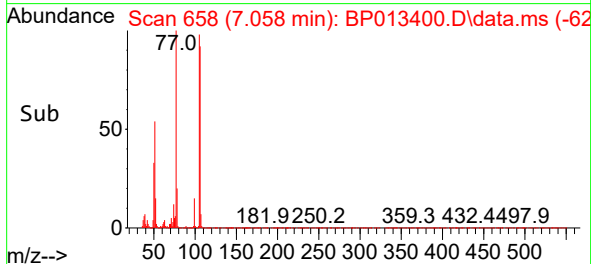
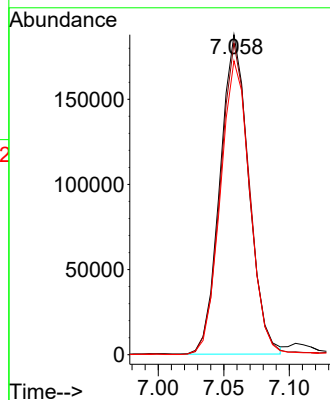
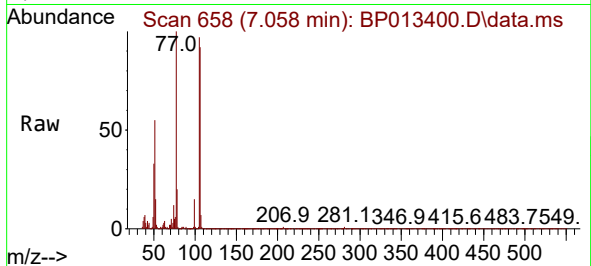




#6
Benzaldehyde
Concen: 19.955 ng/ul
RT: 7.058 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

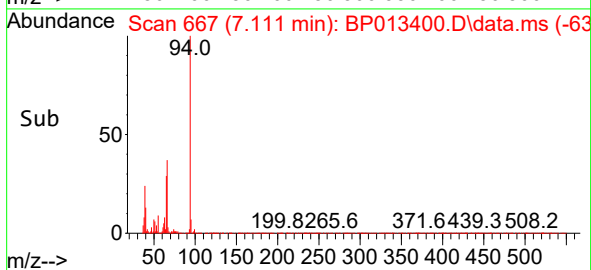
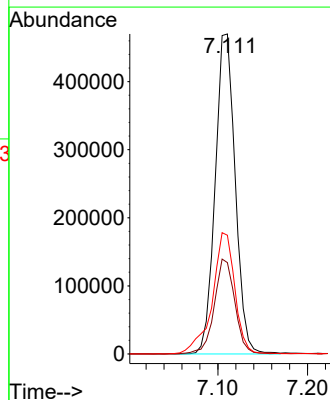
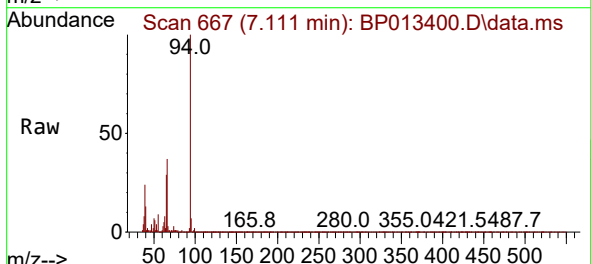
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ClientSampleId :
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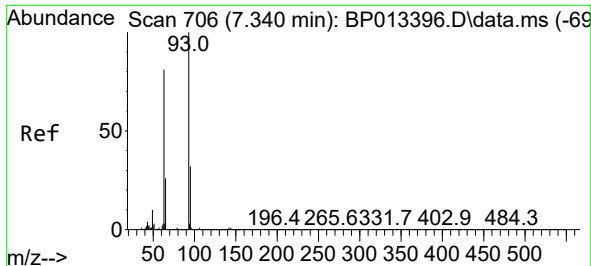
Tgt Ion: 77 Resp: 286095
Ion Ratio Lower Upper
77 100
105 97.3 75.4 113.0
106 91.9 69.8 104.8



#8
Phenol
Concen: 18.761 ng/ul
RT: 7.111 min Scan# 667
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion: 94 Resp: 729565
Ion Ratio Lower Upper
94 100
65 28.6 22.8 34.2
66 37.1 28.6 42.8

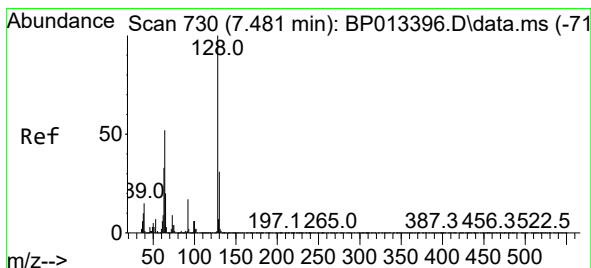
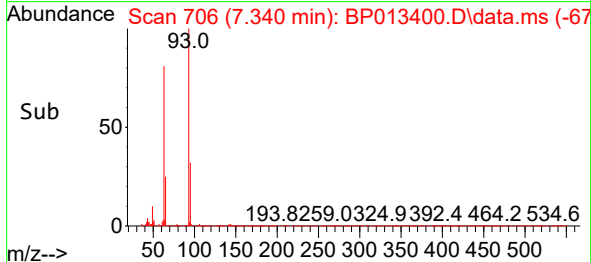
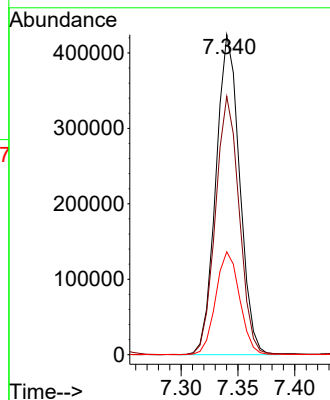
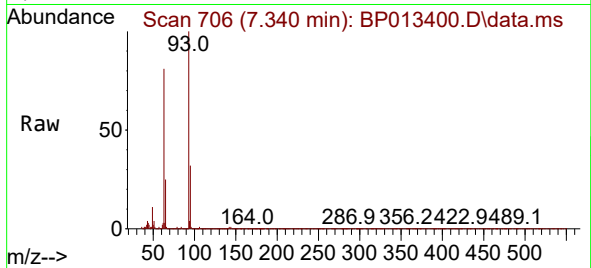




#10
 Bis(2-Chloroethyl)ether
 Concen: 20.053 ng/ul
 RT: 7.340 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: BP013400.D
 Acq: 05 Jan 2023 16:35

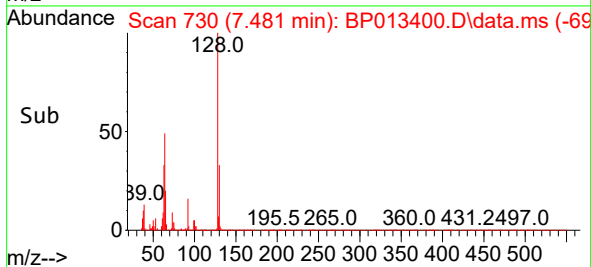
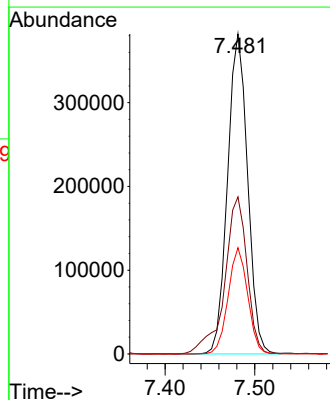
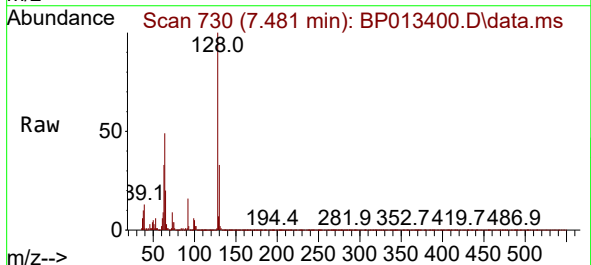
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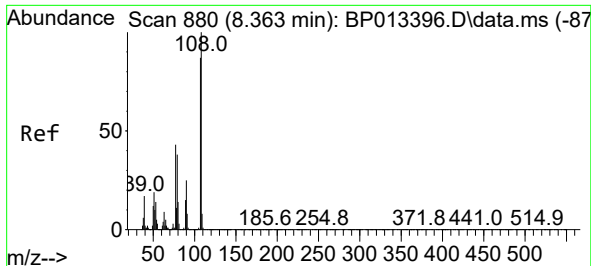
Tgt Ion: 93 Resp: 616633
 Ion Ratio Lower Upper
 93 100
 63 80.7 64.7 97.1
 95 32.2 25.7 38.5



#12
 2-Chlorophenol
 Concen: 20.291 ng/ul
 RT: 7.481 min Scan# 730
 Delta R.T. 0.000 min
 Lab File: BP013400.D
 Acq: 05 Jan 2023 16:35

Tgt Ion: 128 Resp: 592540
 Ion Ratio Lower Upper
 128 100
 64 49.1 41.4 62.2
 130 33.2 24.9 37.3

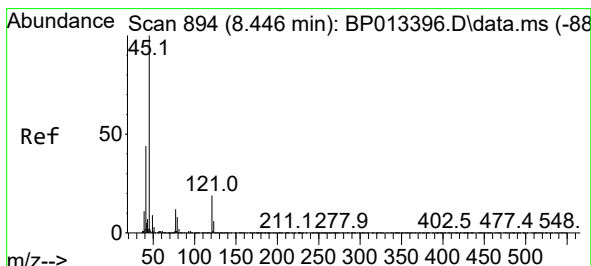
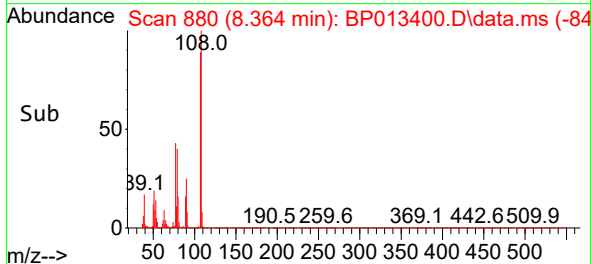
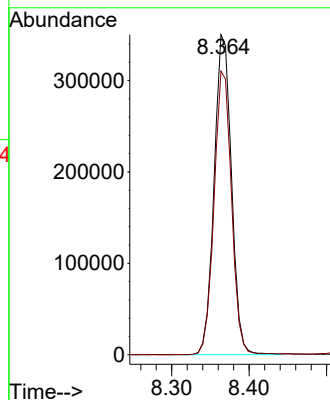
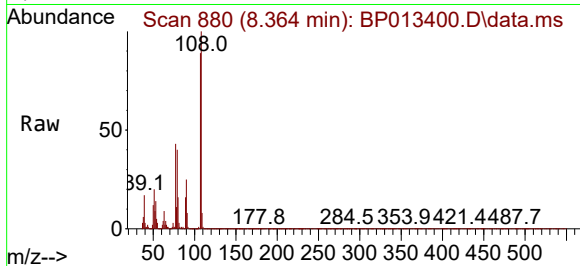




#13
2-Methylphenol
Concen: 19.515 ng/ul
RT: 8.364 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP013400.D
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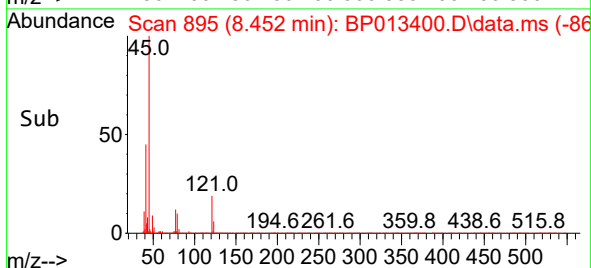
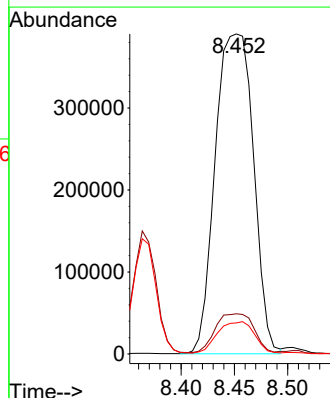
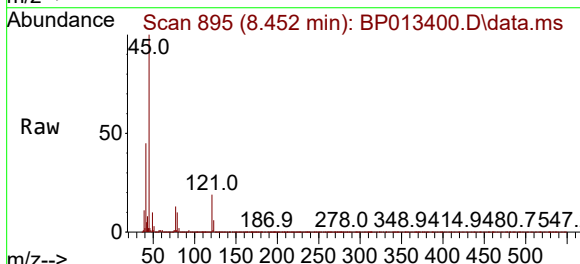
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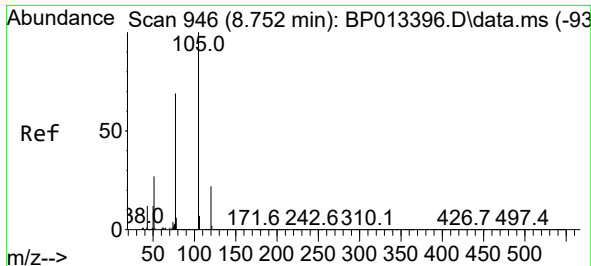
Tgt Ion:108 Resp: 545005
Ion Ratio Lower Upper
108 100
107 88.6 69.4 104.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.535 ng/ul
RT: 8.452 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion: 45 Resp: 974409
Ion Ratio Lower Upper
45 100
77 12.5 10.1 15.1
79 9.7 7.0 10.4

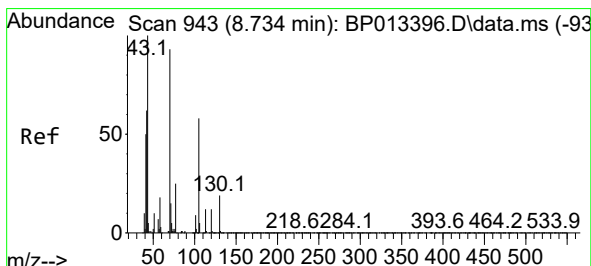
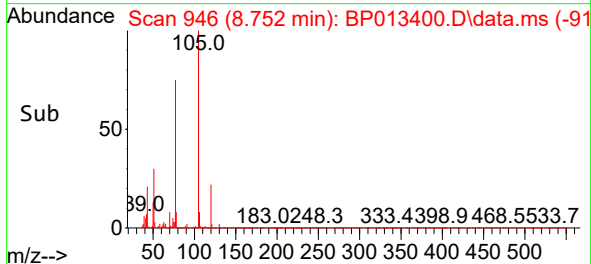
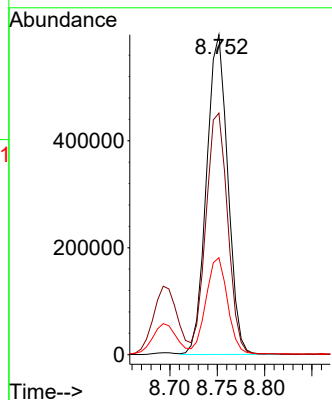
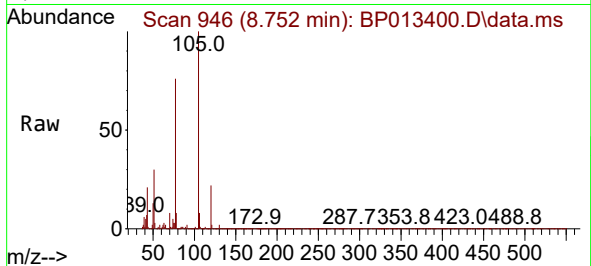




#16
Acetophenone
Concen: 20.708 ng/ul
RT: 8.752 min Scan# 946
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

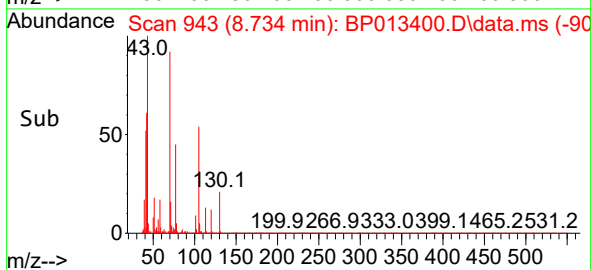
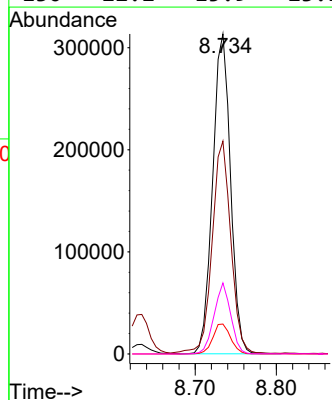
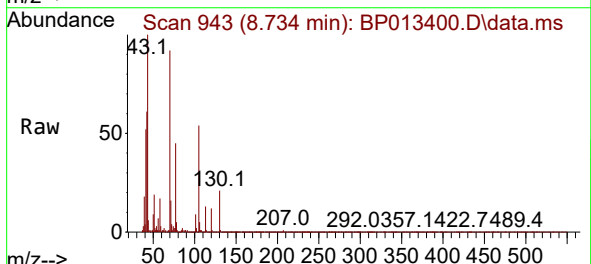
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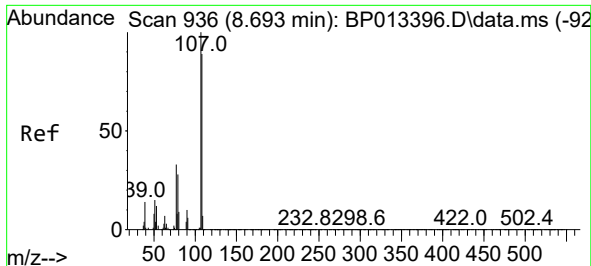
Tgt Ion:105 Resp: 935972
Ion Ratio Lower Upper
105 100
77 75.5 62.5 93.7
51 30.3 24.7 37.1



#17
N-Nitroso-di-n-propylamine
Concen: 22.157 ng/ul
RT: 8.734 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion: 70 Resp: 478784
Ion Ratio Lower Upper
70 100
42 66.5 53.6 80.4
101 9.3 8.0 12.0
130 22.2 15.9 23.9

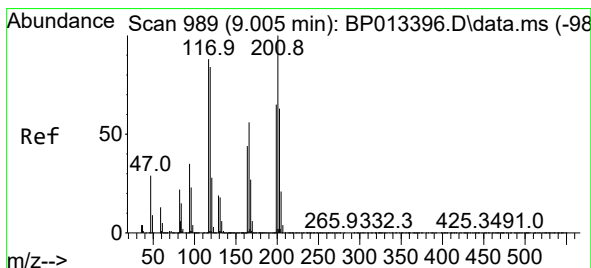
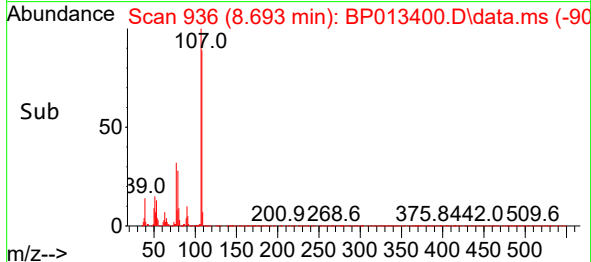
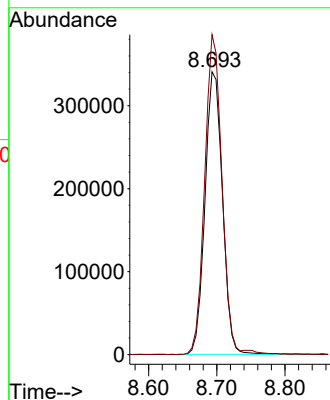
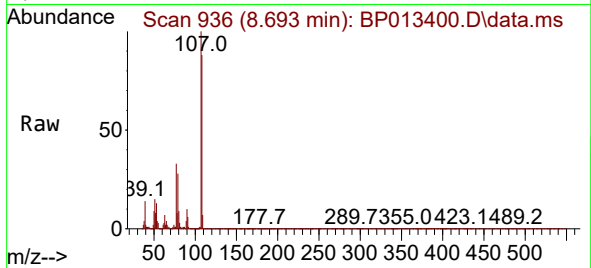




#18
4-Methylphenol
Concen: 19.808 ng/ul
RT: 8.693 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

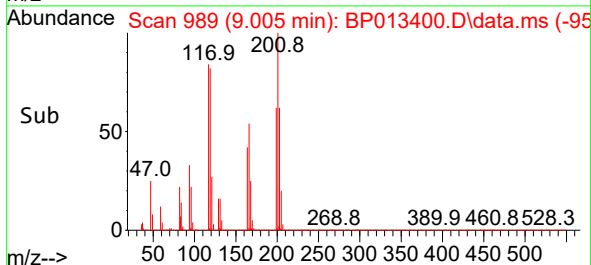
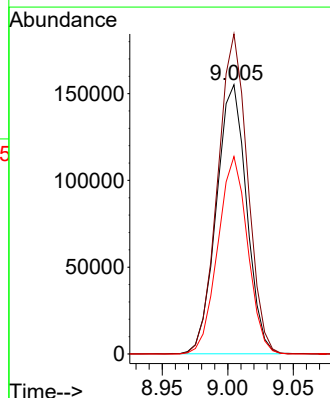
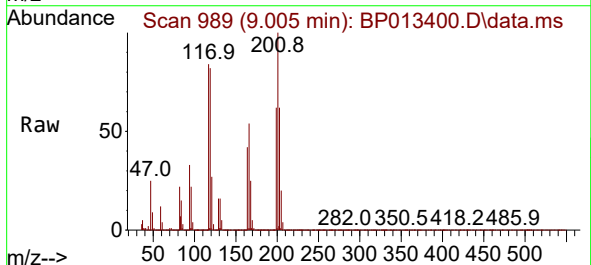
Instrument :
BNA_P
ClientSampleId :
SICV602

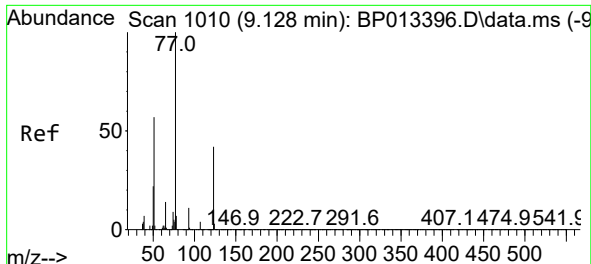
Tgt Ion:108 Resp: 608069
Ion Ratio Lower Upper
108 100
107 113.1 89.5 134.3



#19
Hexachloroethane
Concen: 21.099 ng/ul
RT: 9.005 min Scan# 989
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion:117 Resp: 248253
Ion Ratio Lower Upper
117 100
201 118.9 90.6 136.0
199 73.3 58.7 88.1

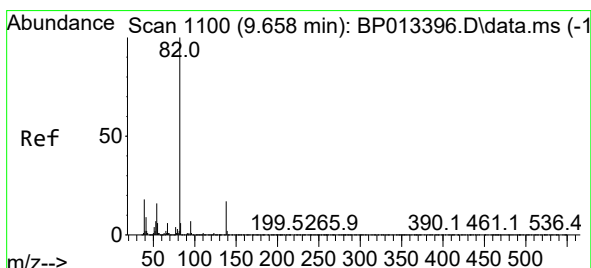
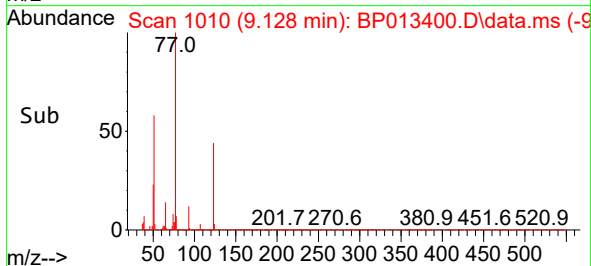
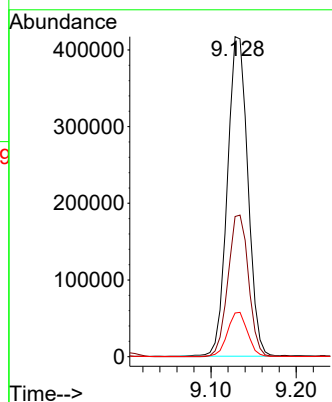
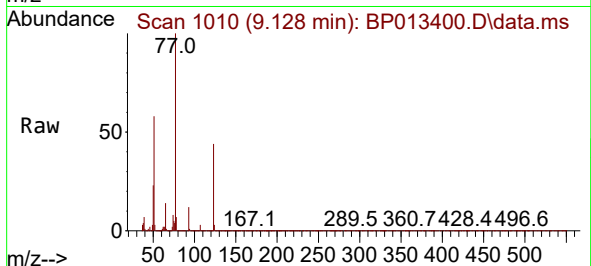




#22
Nitrobenzene
Concen: 20.016 ng/ul
RT: 9.128 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

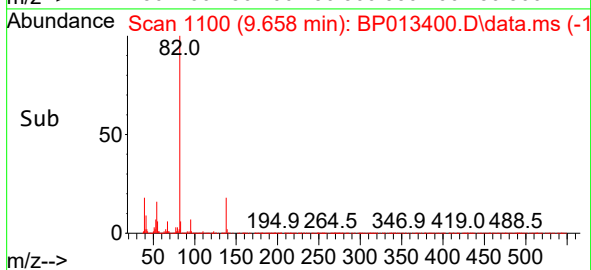
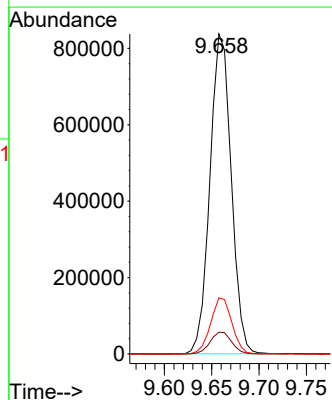
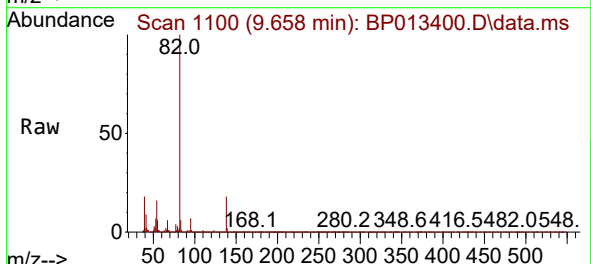
Instrument :
BNA_P
ClientSampleId :
SICV602

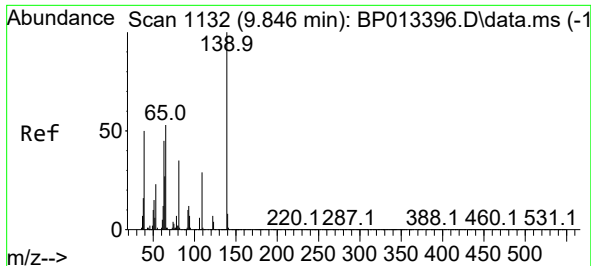
Tgt Ion: 77 Resp: 695465
Ion Ratio Lower Upper
77 100
123 43.8 33.7 50.5
65 13.7 11.0 16.4



#23
Isophorone
Concen: 21.539 ng/ul
RT: 9.658 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion: 82 Resp: 1309712
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 17.6 13.8 20.6

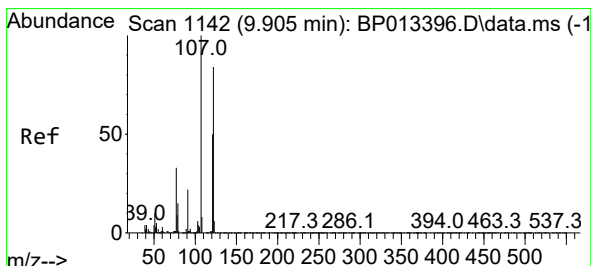
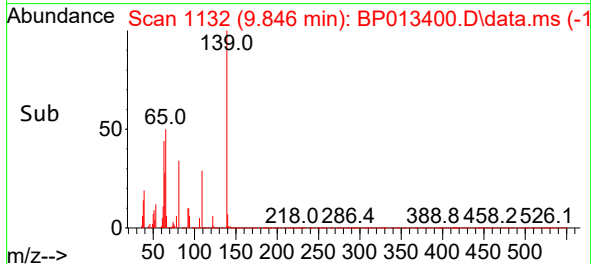
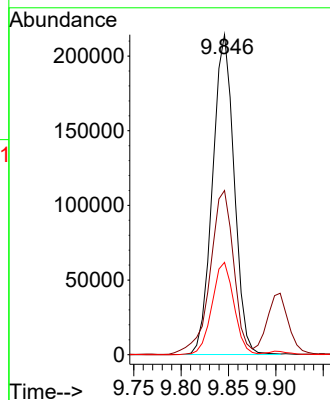
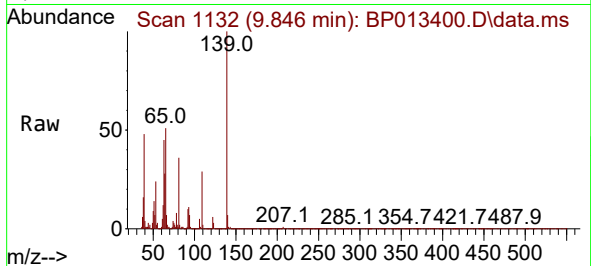




#25
2-Nitrophenol
Concen: 21.396 ng/ul
RT: 9.846 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

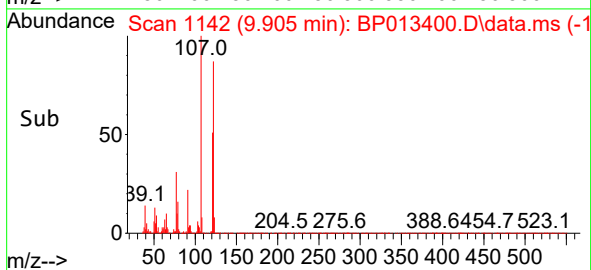
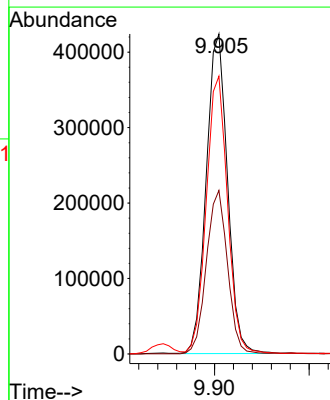
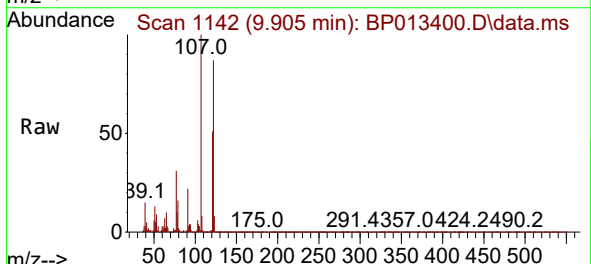
Instrument :
BNA_P
ClientSampleId :
SICV602

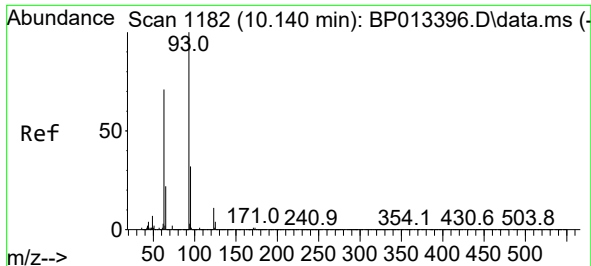
Tgt Ion:139 Resp: 338980
Ion Ratio Lower Upper
139 100
65 51.3 43.0 64.6
109 28.9 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 20.054 ng/ul
RT: 9.905 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion:107 Resp: 662814
Ion Ratio Lower Upper
107 100
121 51.1 39.9 59.9
122 86.8 68.3 102.5





#27

Bis(2-Chloroethoxy)methane

Concen: 20.814 ng/ul

RT: 10.140 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

Instrument :

BNA_P

ClientSampleId :

SICV602

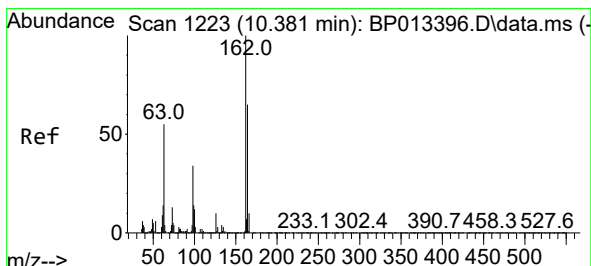
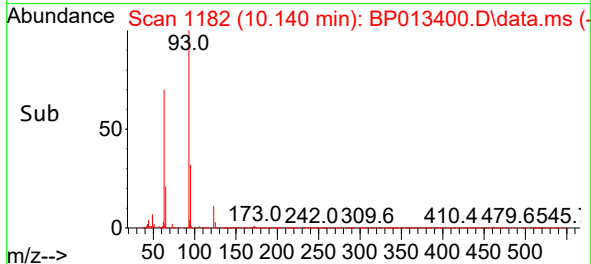
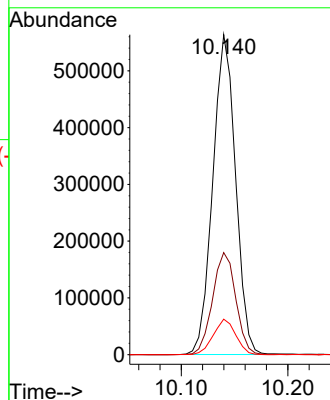
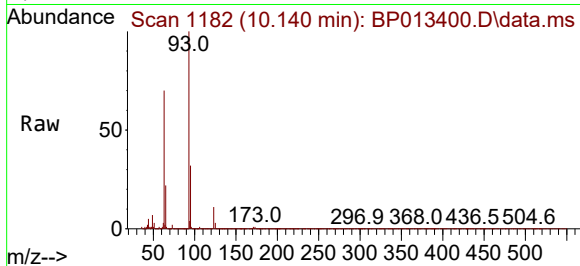
Tgt Ion: 93 Resp: 836338

Ion Ratio Lower Upper

93 100

95 31.9 25.3 37.9

123 11.1 8.4 12.6



#29

2,4-Dichlorophenol

Concen: 20.732 ng/ul

RT: 10.375 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

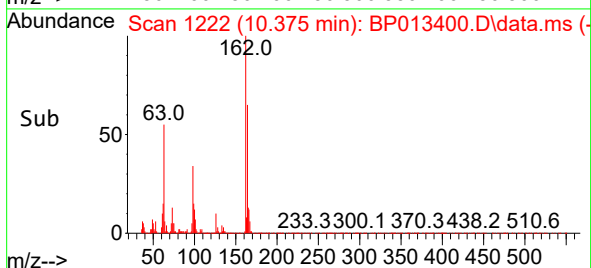
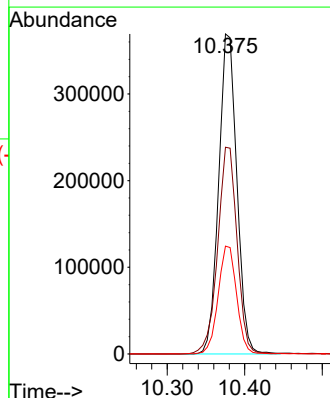
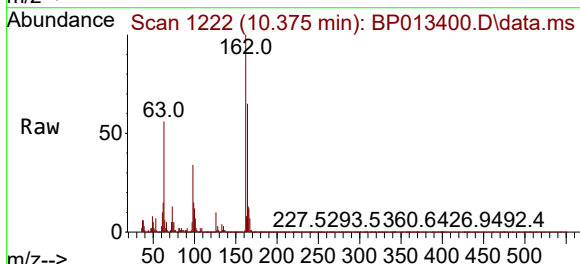
Tgt Ion:162 Resp: 602321

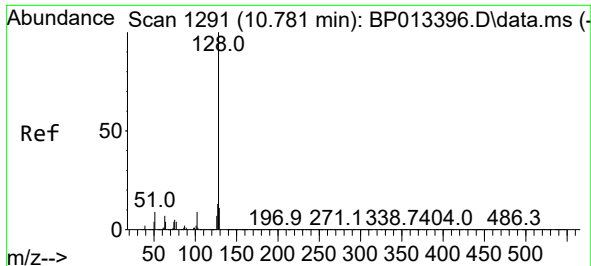
Ion Ratio Lower Upper

162 100

164 64.6 51.9 77.9

98 33.7 27.1 40.7

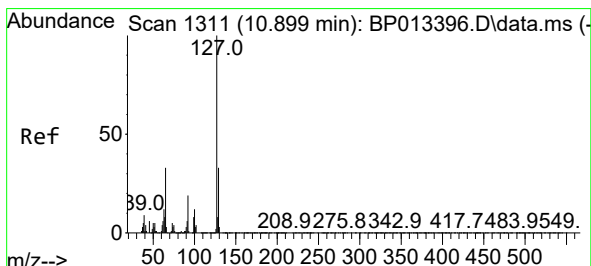
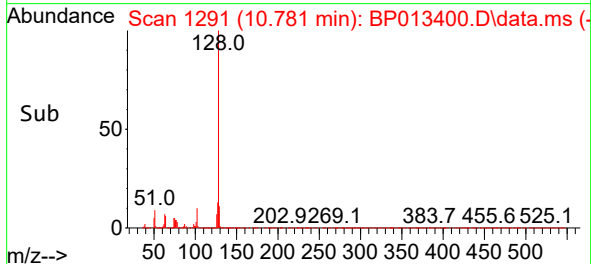
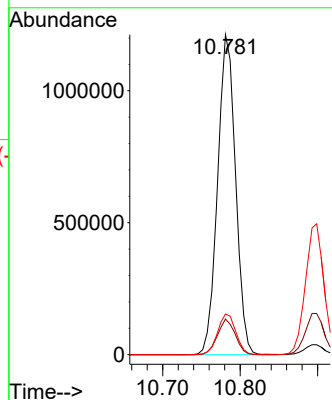
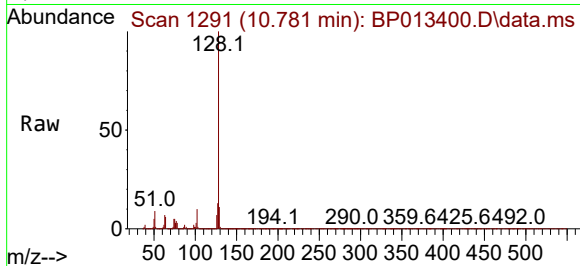




#30
Naphthalene
Concen: 19.636 ng/ul
RT: 10.781 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

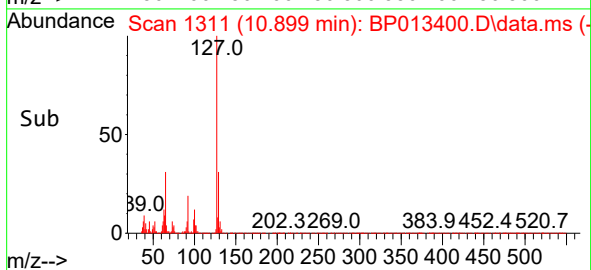
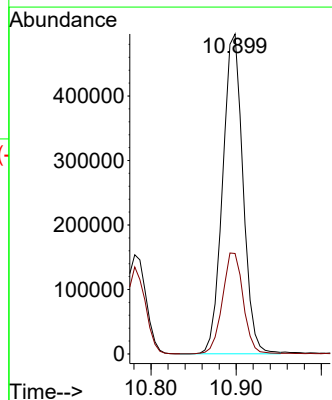
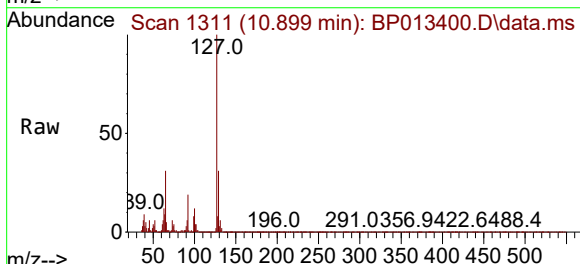
Instrument :
BNA_P
ClientSampleId :
SICV602

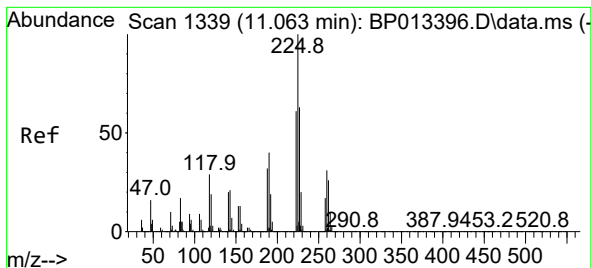
Tgt Ion:128 Resp: 1952906
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.7 10.1 15.1



#32
4-Chloroaniline
Concen: 19.994 ng/ul
RT: 10.899 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion:127 Resp: 822398
Ion Ratio Lower Upper
127 100
129 31.4 26.1 39.1

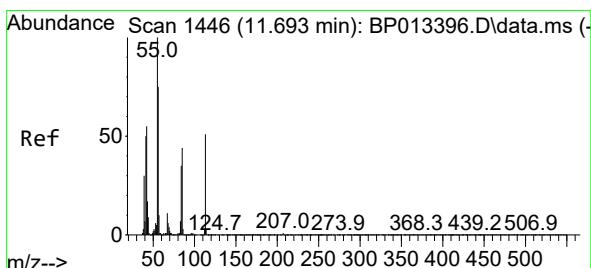
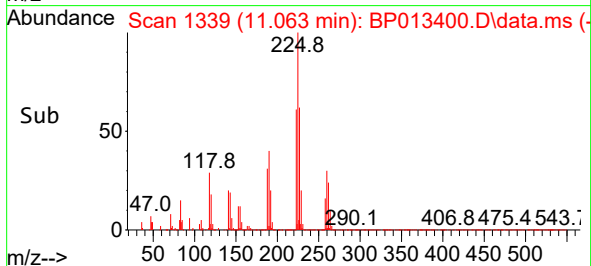
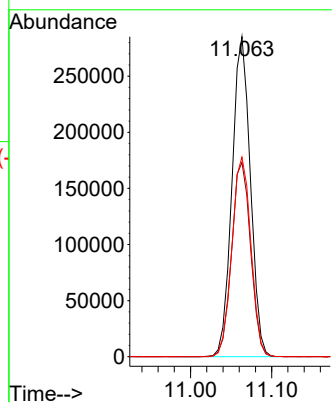
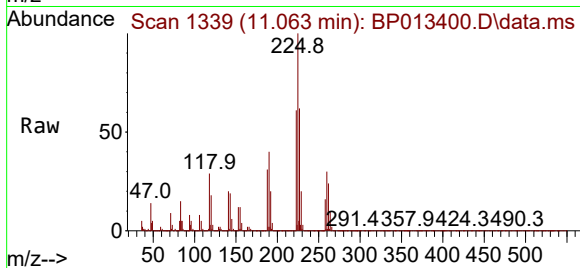




#33
Hexachlorobutadiene
Concen: 21.424 ng/ul
RT: 11.063 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

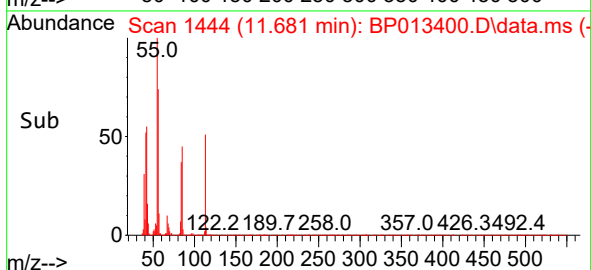
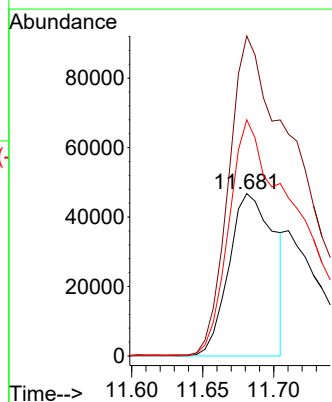
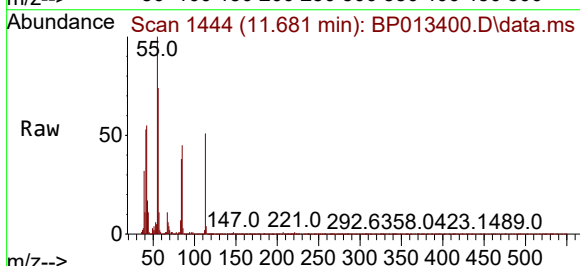
Instrument :
BNA_P
ClientSampleId :
SICV602

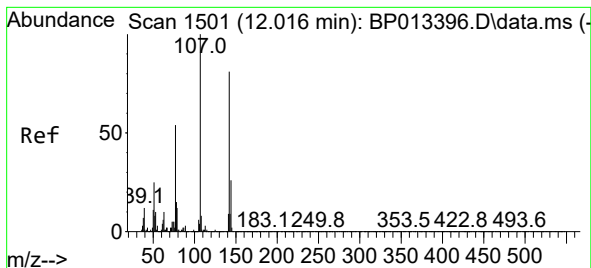
Tgt Ion:225 Resp: 446960
Ion Ratio Lower Upper
225 100
223 60.7 48.8 73.2
227 62.3 50.6 76.0



#34
Caprolactam
Concen: 12.087 ng/ul
RT: 11.681 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion:113 Resp: 104473
Ion Ratio Lower Upper
113 100
55 197.0 156.4 234.6
56 145.3 117.1 175.7

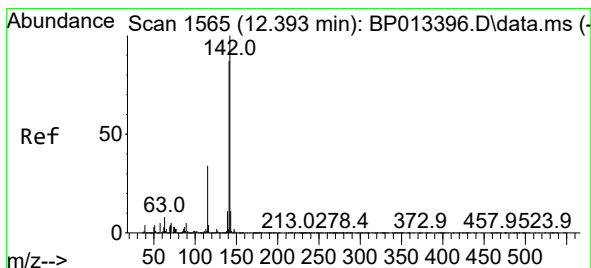
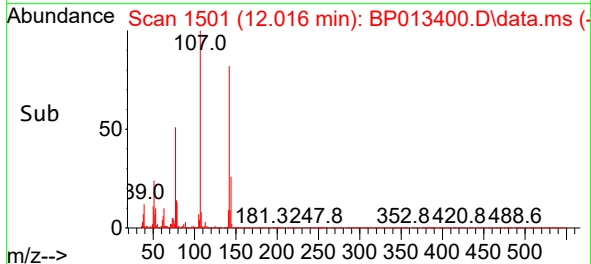
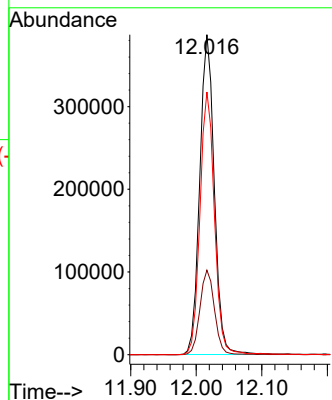
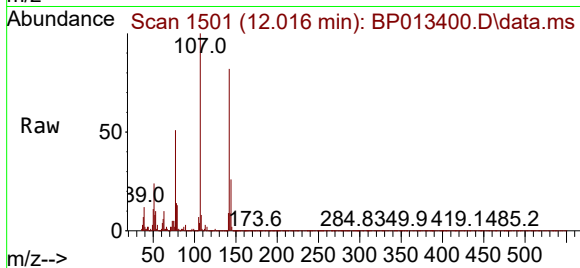




#35
4-Chloro-3-methylphenol
Concen: 21.299 ng/ul
RT: 12.016 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

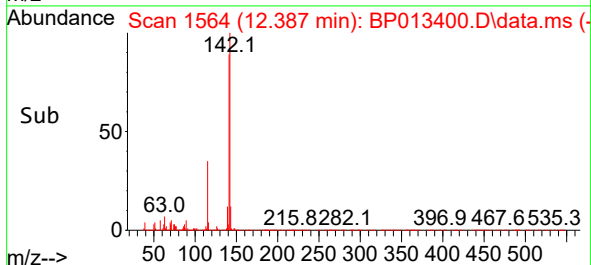
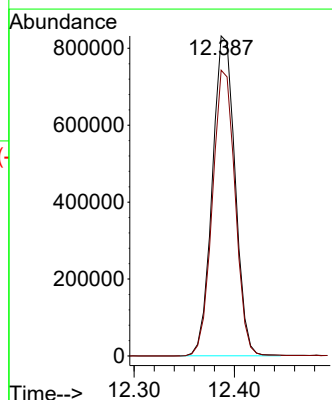
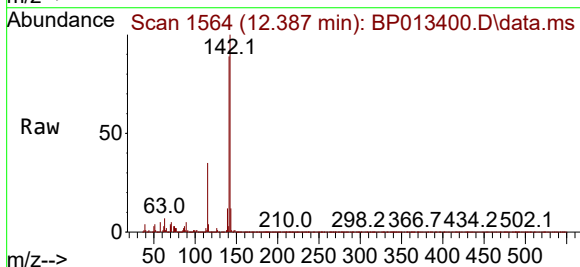
Instrument :
BNA_P
ClientSampleId :
SICV602

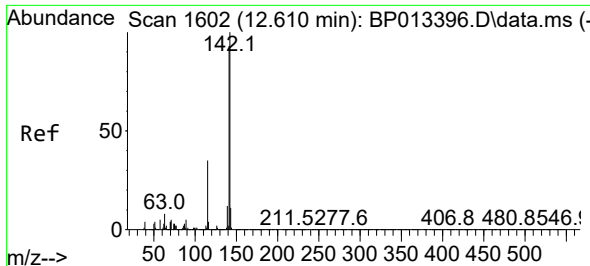
Tgt Ion:107 Resp: 597234
Ion Ratio Lower Upper
107 100
144 26.4 21.0 31.6
142 82.1 64.8 97.2



#36
2-Methylnaphthalene
Concen: 20.621 ng/ul
RT: 12.387 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion:142 Resp: 1311592
Ion Ratio Lower Upper
142 100
141 89.3 69.7 104.5

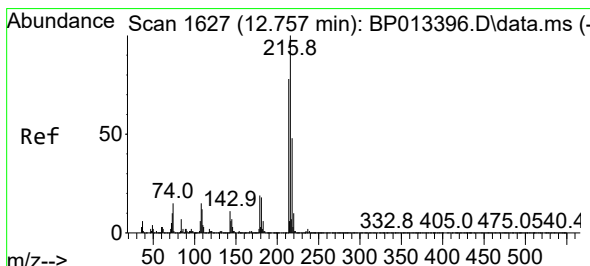
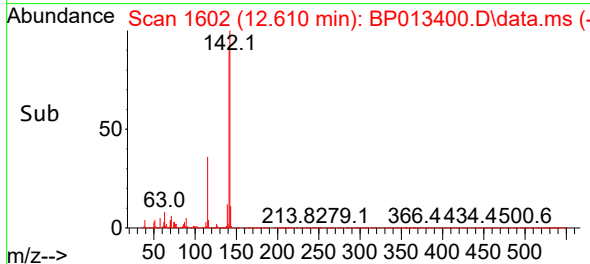
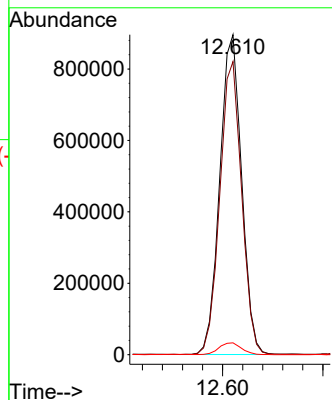
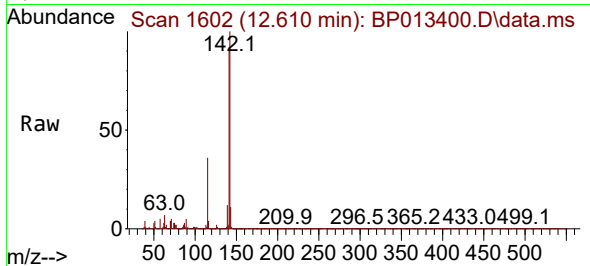




#37
1-Methylnaphthalene
Concen: 20.483 ng/ul
RT: 12.610 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

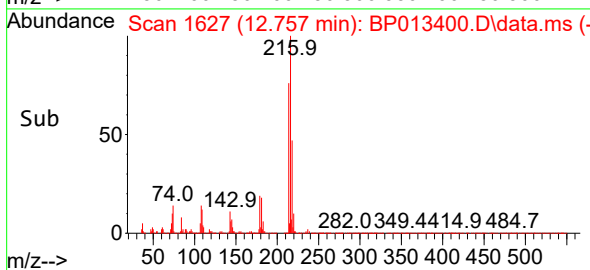
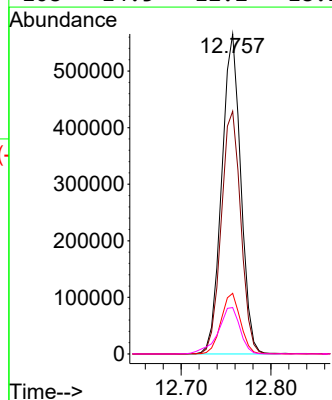
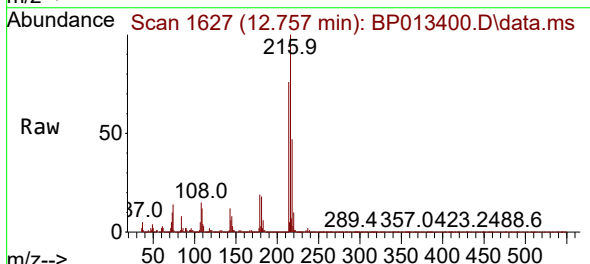
Instrument :
BNA_P
ClientSampleId :
SICV602

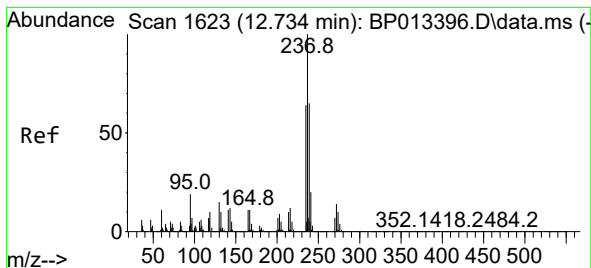
Tgt Ion:142 Resp: 1351382
Ion Ratio Lower Upper
142 100
141 91.6 74.2 111.4
116 3.7 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.906 ng/ul
RT: 12.757 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion:216 Resp: 833935
Ion Ratio Lower Upper
216 100
214 75.9 62.8 94.2
179 19.0 15.1 22.7
108 14.5 12.2 18.2





#40

Hexachlorocyclopentadiene

Concen: 20.083 ng/ul

RT: 12.734 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

Instrument :

BNA_P

ClientSampleId :

SICV602

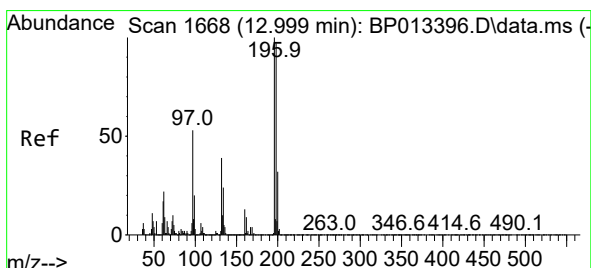
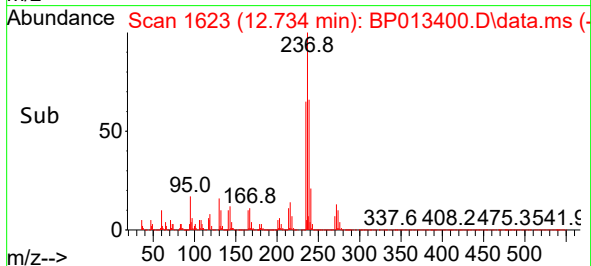
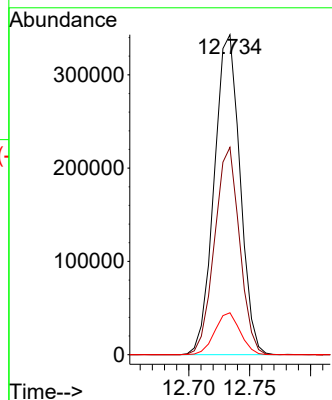
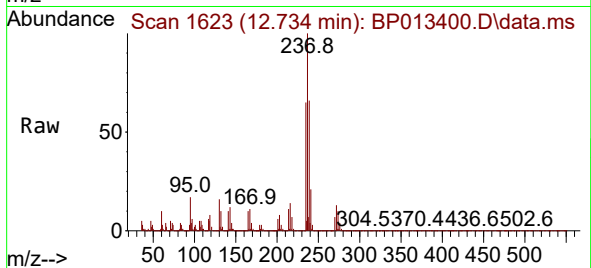
Tgt Ion:237 Resp: 506152

Ion Ratio Lower Upper

237 100

235 64.8 50.8 76.2

272 13.1 11.5 17.3



#41

2,4,6-Trichlorophenol

Concen: 20.662 ng/ul

RT: 12.999 min Scan# 1668

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

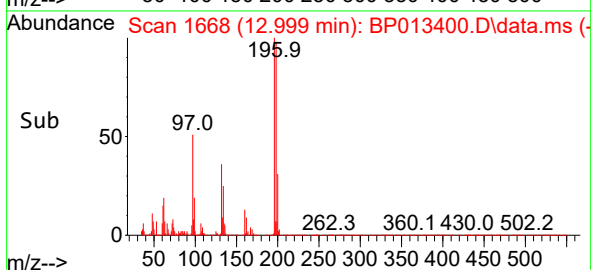
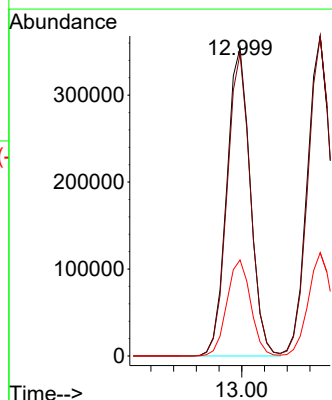
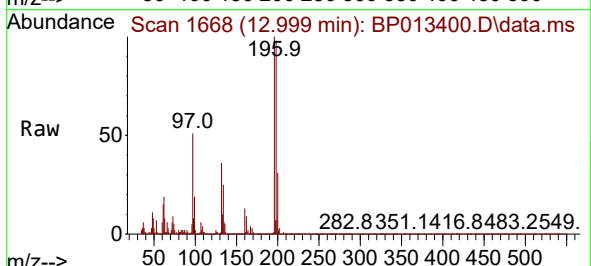
Tgt Ion:196 Resp: 509199

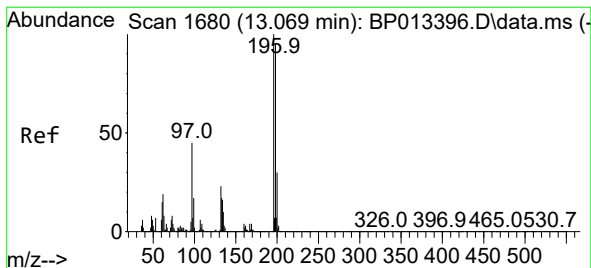
Ion Ratio Lower Upper

196 100

198 98.2 77.9 116.9

200 31.2 25.6 38.4





#42

2,4,5-Trichlorophenol

Concen: 20.424 ng/ul

RT: 13.069 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

Instrument :

BNA_P

ClientSampleId :

SICV602

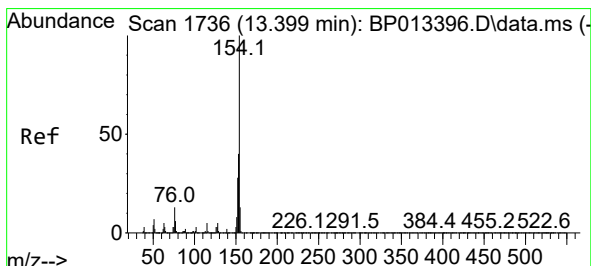
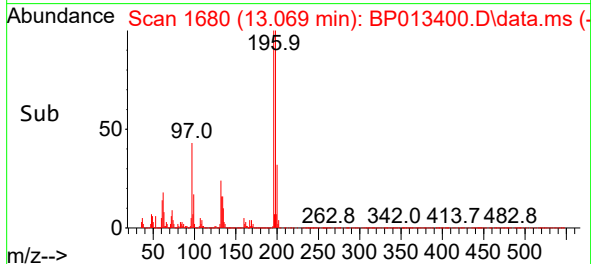
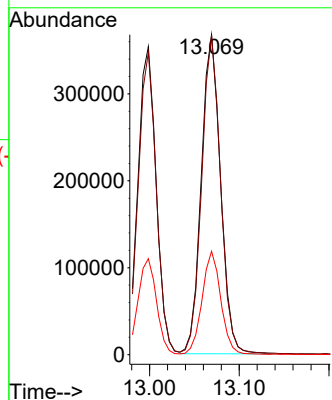
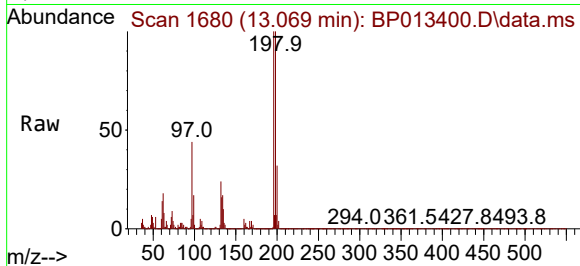
Tgt Ion:196 Resp: 547740

Ion Ratio Lower Upper

196 100

198 99.9 76.0 114.0

200 32.3 24.4 36.6



#43

1,1'-Biphenyl

Concen: 19.645 ng/ul

RT: 13.399 min Scan# 1736

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

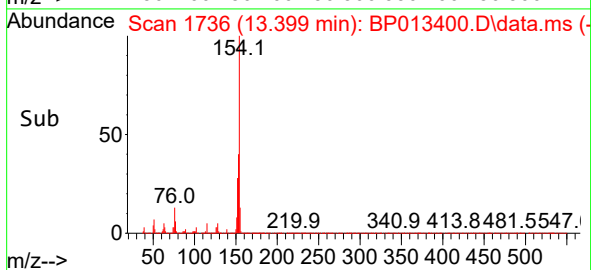
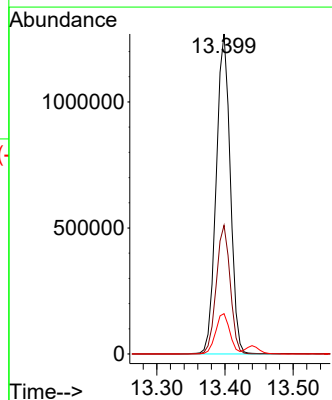
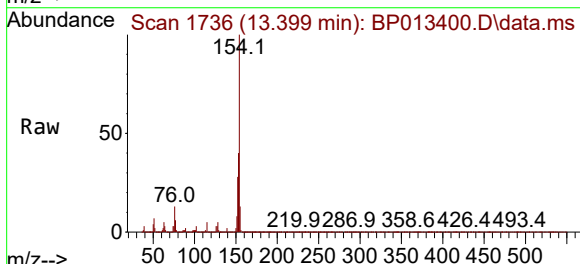
Tgt Ion:154 Resp: 1822566

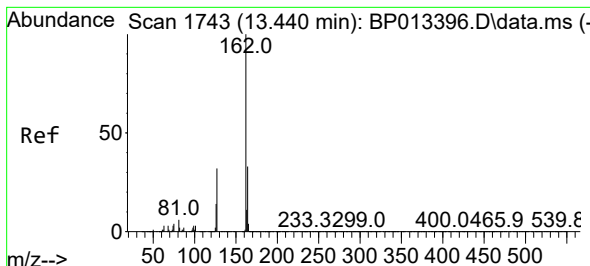
Ion Ratio Lower Upper

154 100

153 40.2 31.9 47.9

76 12.6 10.3 15.5

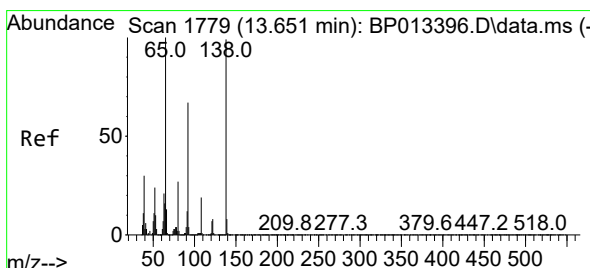
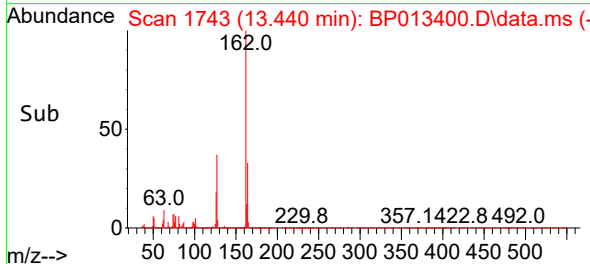
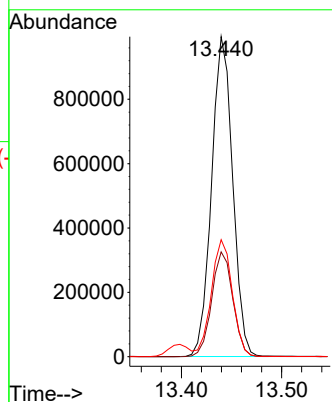
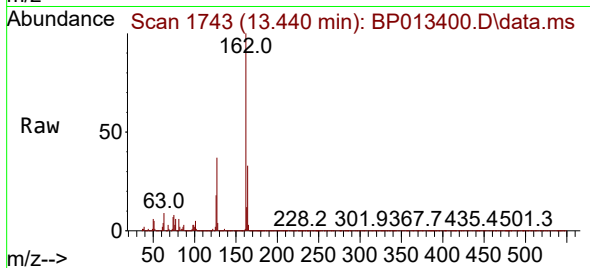




#44
2-Chloronaphthalene
Concen: 19.435 ng/ul
RT: 13.440 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

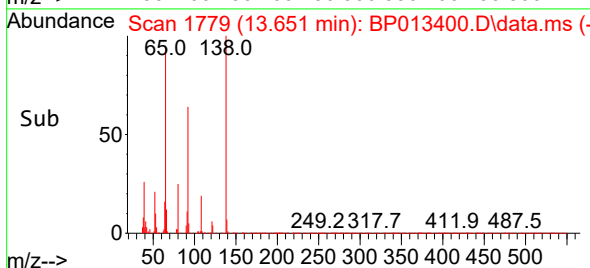
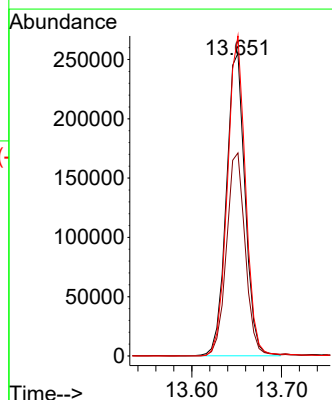
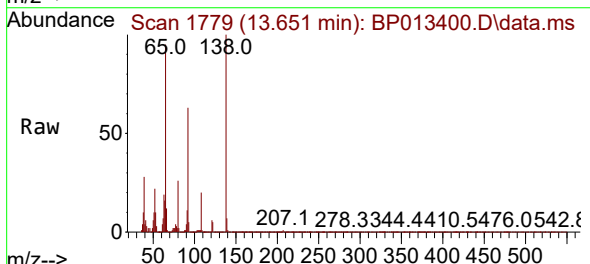
Instrument :
BNA_P
ClientSampleId :
SICV602

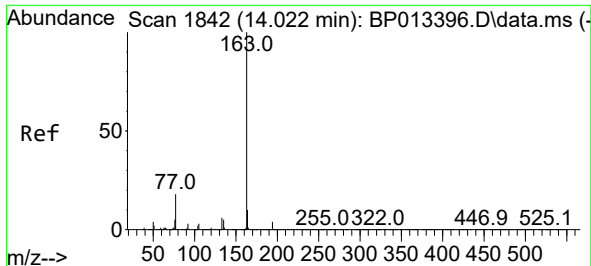
Tgt Ion:162 Resp: 1455013
Ion Ratio Lower Upper
162 100
164 32.8 26.4 39.6
127 36.5 28.9 43.3



#45
2-Nitroaniline
Concen: 20.496 ng/ul
RT: 13.651 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion: 65 Resp: 371323
Ion Ratio Lower Upper
65 100
92 67.1 53.5 80.3
138 105.7 79.4 119.0





#47

Dimethylphthalate

Concen: 20.664 ng/ul

RT: 14.022 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

Instrument :

BNA_P

ClientSampleId :

SICV602

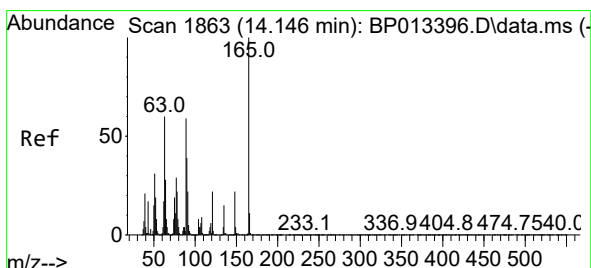
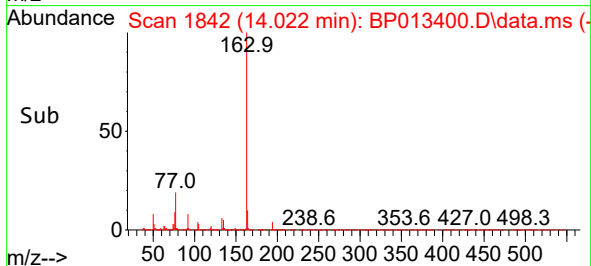
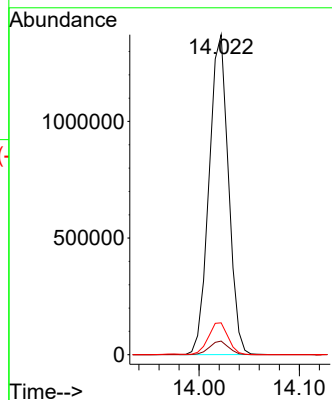
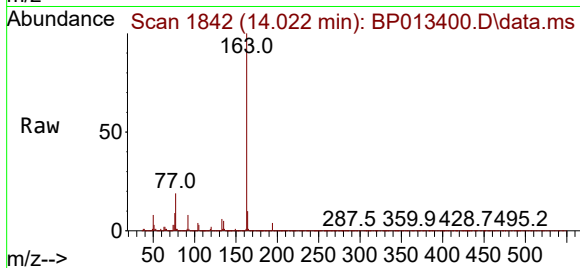
Tgt Ion:163 Resp: 1838008

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.0 7.8 11.8



#48

2,6-Dinitrotoluene

Concen: 22.359 ng/ul

RT: 14.146 min Scan# 1863

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

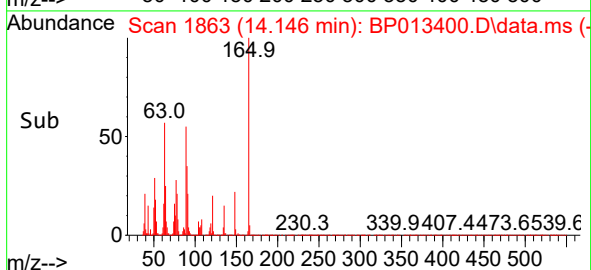
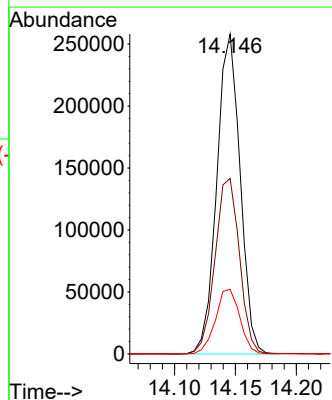
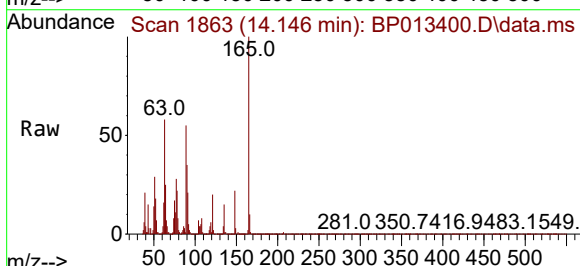
Tgt Ion:165 Resp: 344392

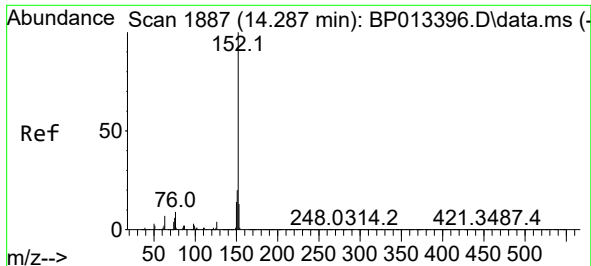
Ion Ratio Lower Upper

165 100

89 54.8 47.1 70.7

121 20.2 17.3 25.9

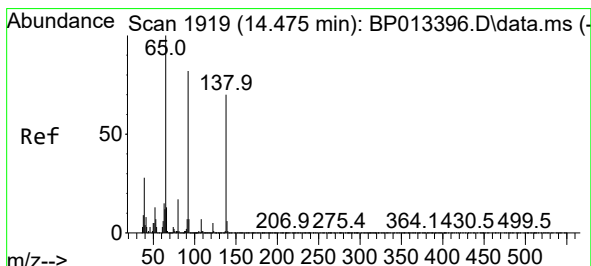
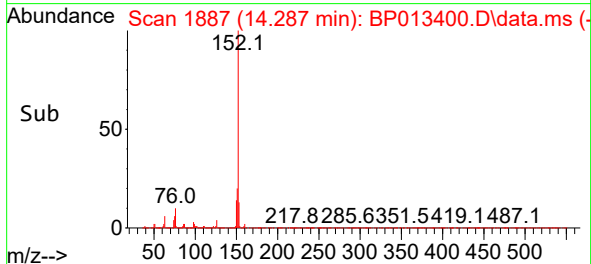
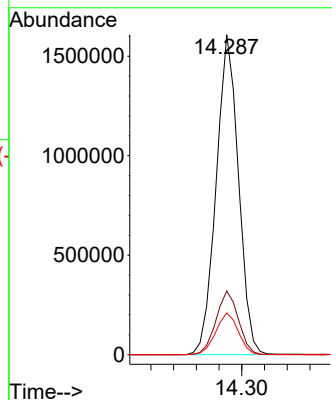
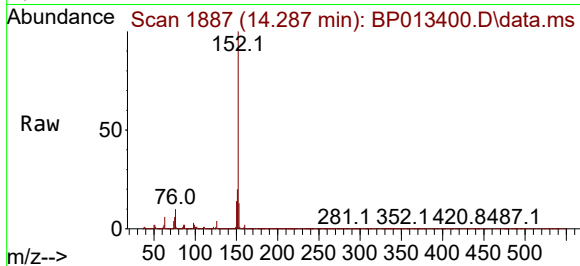




#50
Acenaphthylene
Concen: 20.212 ng/ul
RT: 14.287 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

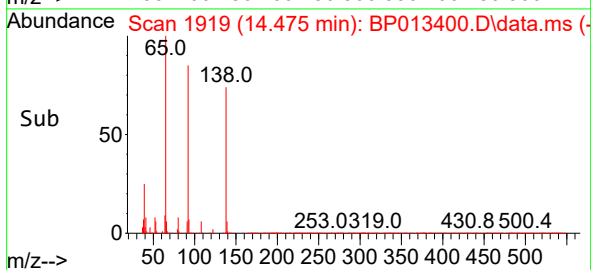
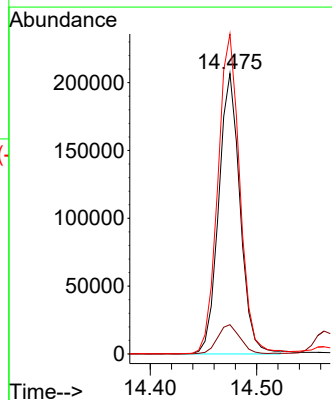
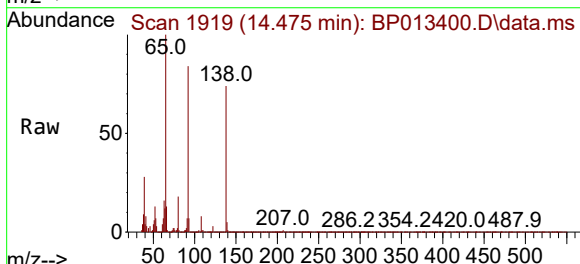
Instrument :
BNA_P
ClientSampleId :
SICV602

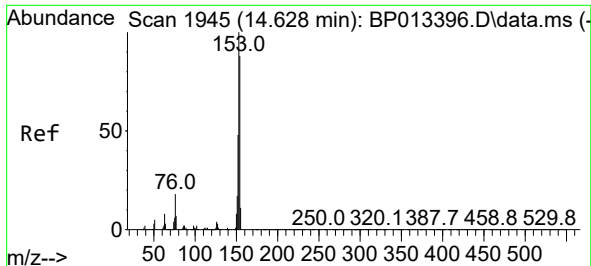
Tgt Ion:152 Resp: 2195167
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.1 10.3 15.5



#51
3-Nitroaniline
Concen: 17.637 ng/ul
RT: 14.475 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion:138 Resp: 287739
Ion Ratio Lower Upper
138 100
108 10.5 8.6 12.8
92 114.1 95.0 142.4

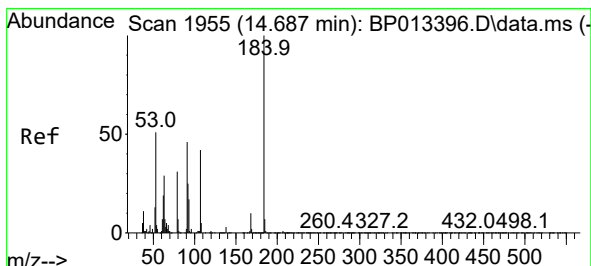
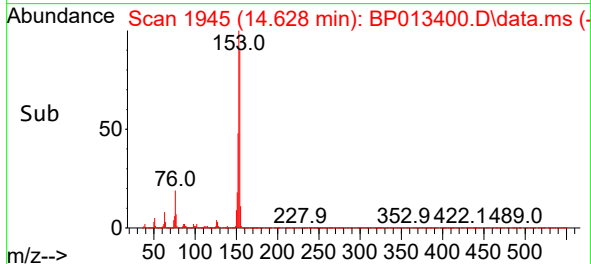
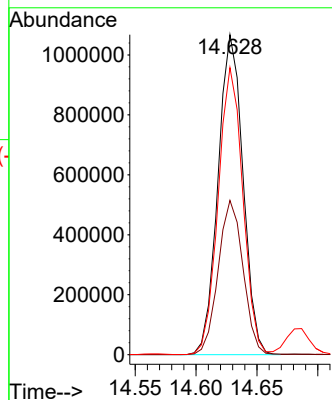
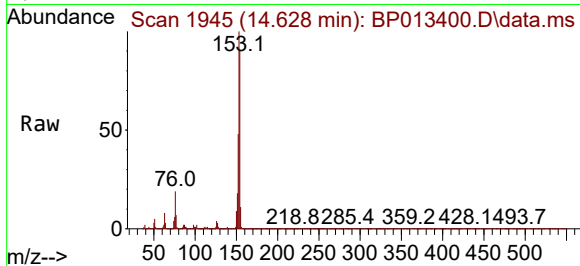




#52
Acenaphthene
Concen: 19.597 ng/ul
RT: 14.628 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

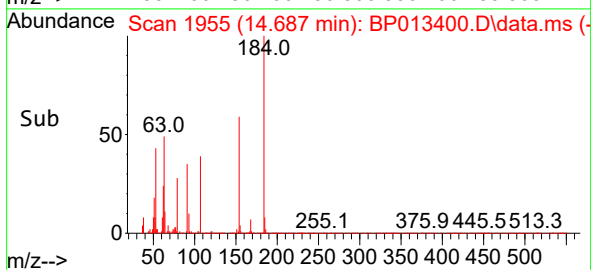
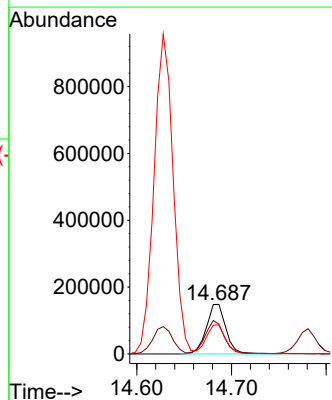
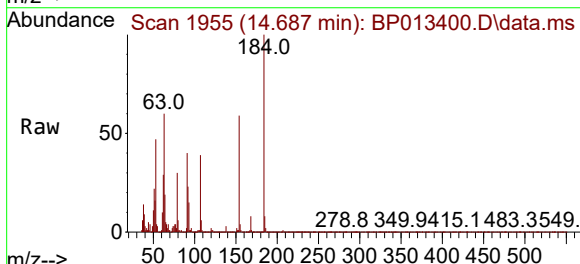
Instrument :
BNA_P
ClientSampleId :
SICV602

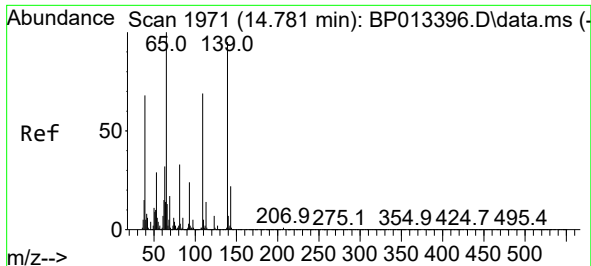
Tgt Ion:153 Resp: 1523351
Ion Ratio Lower Upper
153 100
152 48.2 38.4 57.6
154 89.7 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 18.592 ng/ul
RT: 14.687 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion:184 Resp: 213162
Ion Ratio Lower Upper
184 100
63 60.1 54.3 81.5
154 58.8 49.1 73.7

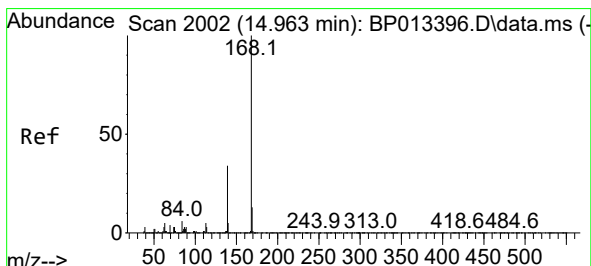
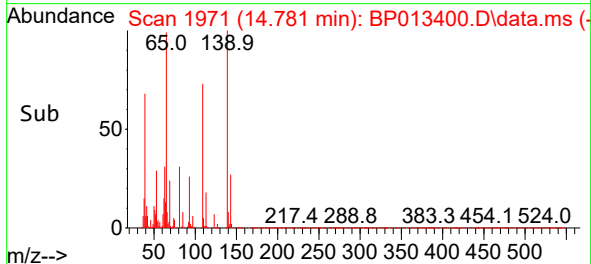
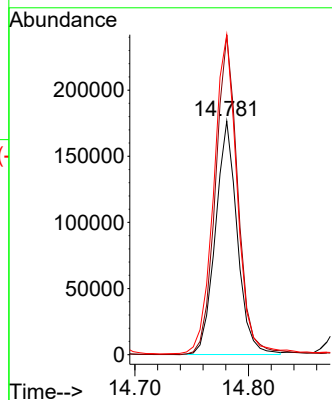
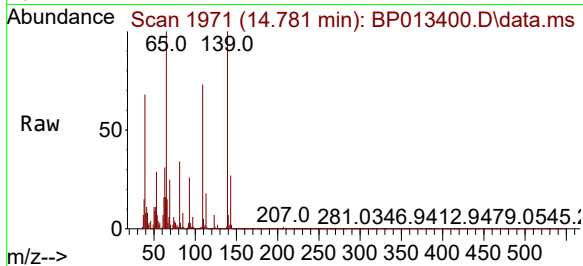




#55
4-Nitrophenol
Concen: 19.043 ng/ul
RT: 14.781 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

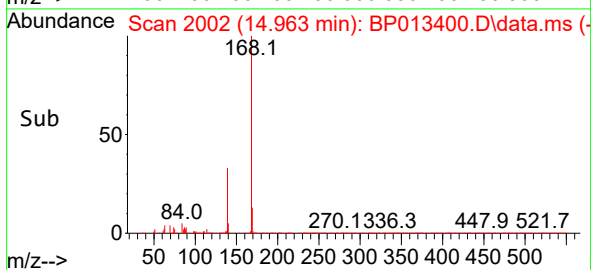
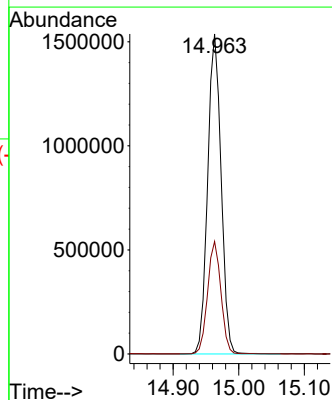
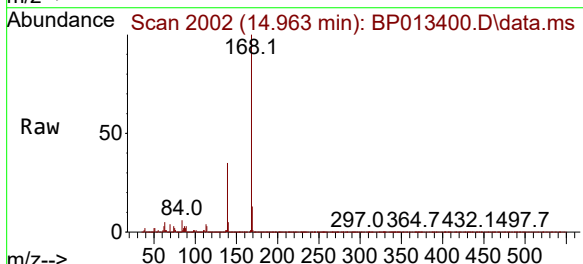
Instrument :
BNA_P
ClientSampleId :
SICV602

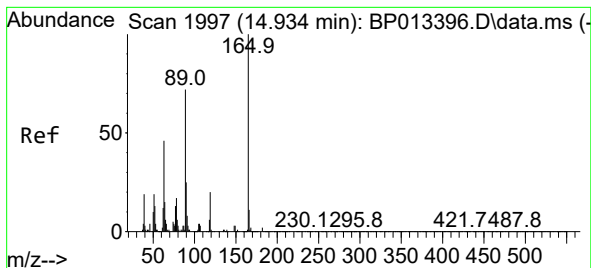
Tgt Ion:109 Resp: 235877
Ion Ratio Lower Upper
109 100
139 136.7 109.2 163.8
65 137.0 116.6 174.8



#56
Dibenzofuran
Concen: 19.602 ng/ul
RT: 14.963 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion:168 Resp: 2188400
Ion Ratio Lower Upper
168 100
139 35.1 27.4 41.2

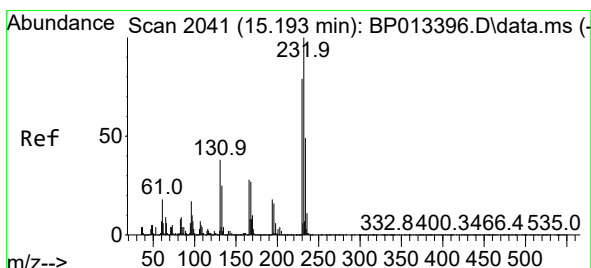
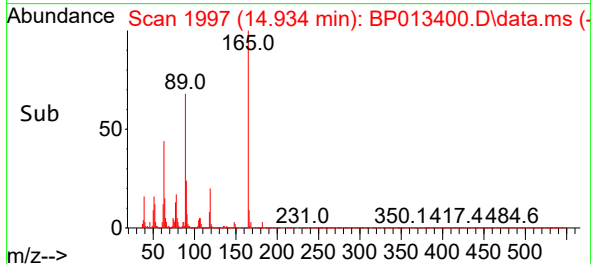
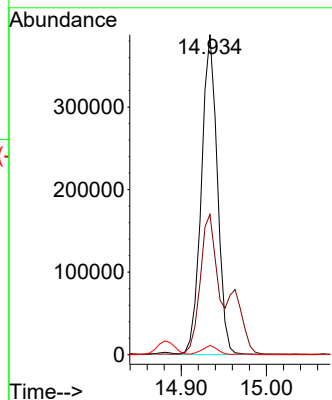
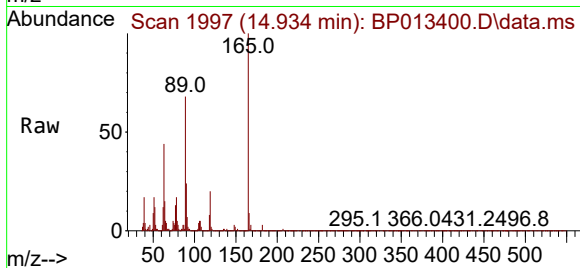




#57
2,4-Dinitrotoluene
Concen: 21.997 ng/ul
RT: 14.934 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

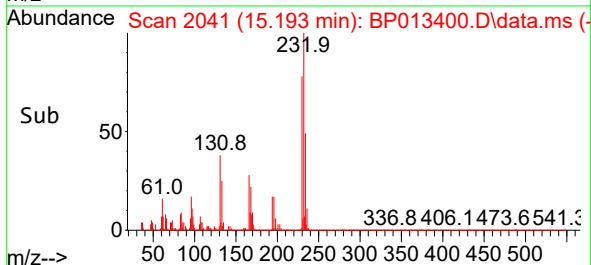
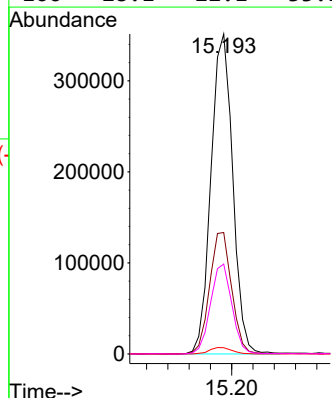
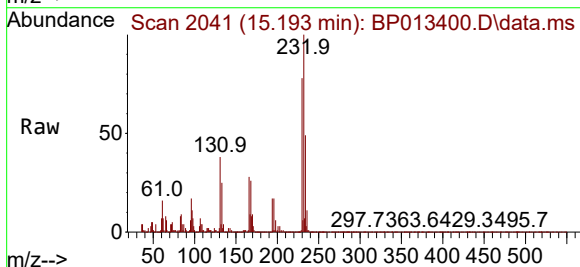
Instrument :
BNA_P
ClientSampleId :
SICV602

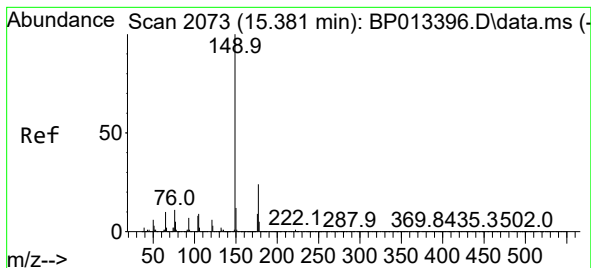
Tgt Ion:165 Resp: 503636
Ion Ratio Lower Upper
165 100
63 43.8 37.3 55.9
182 2.9 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.275 ng/ul
RT: 15.193 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion:232 Resp: 497736
Ion Ratio Lower Upper
232 100
131 37.9 30.7 46.1
130 1.9 1.7 2.5
166 28.1 22.1 33.1





#59

Diethylphthalate

Concen: 21.304 ng/ul

RT: 15.381 min Scan# 2073

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

Instrument :

BNA_P

ClientSampleId :

SICV602

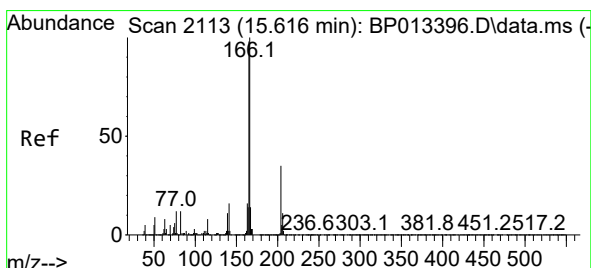
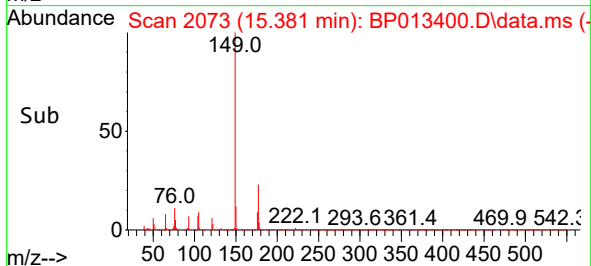
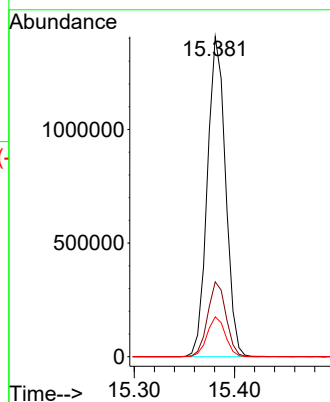
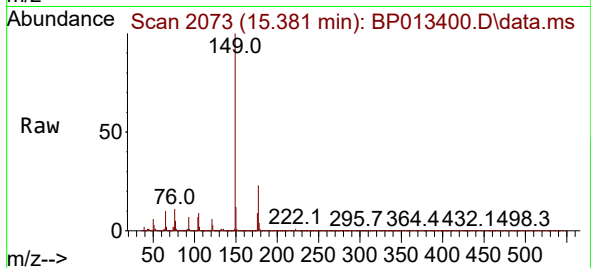
Tgt Ion:149 Resp: 1773665

Ion Ratio Lower Upper

149 100

177 23.4 18.9 28.3

150 12.4 9.9 14.9



#61

Fluorene

Concen: 20.062 ng/ul

RT: 15.616 min Scan# 2113

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

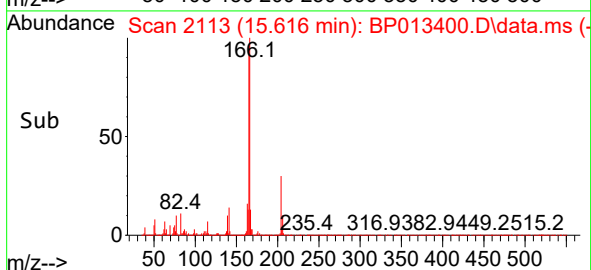
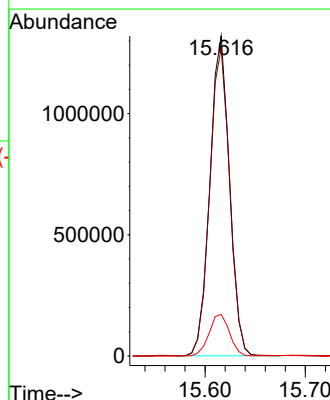
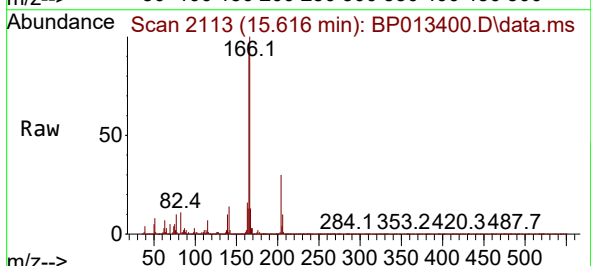
Tgt Ion:166 Resp: 1787890

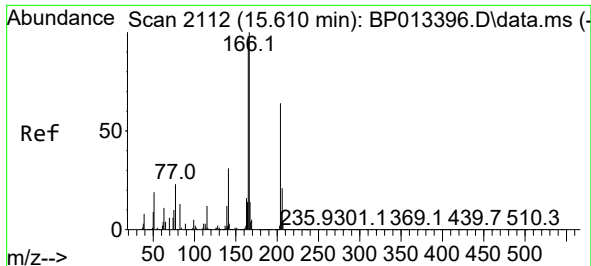
Ion Ratio Lower Upper

166 100

165 96.2 78.0 117.0

167 13.0 10.8 16.2

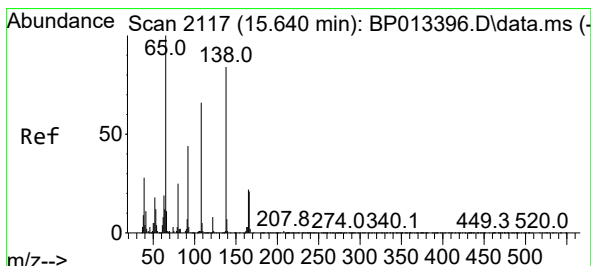
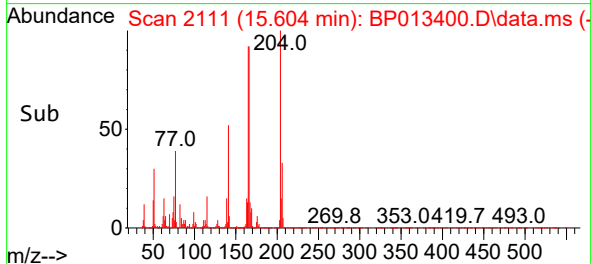
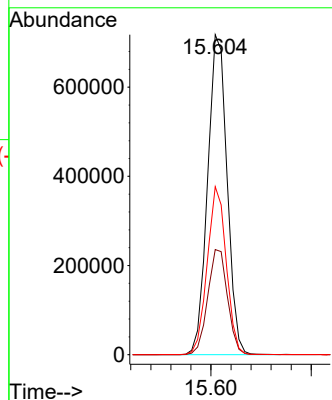
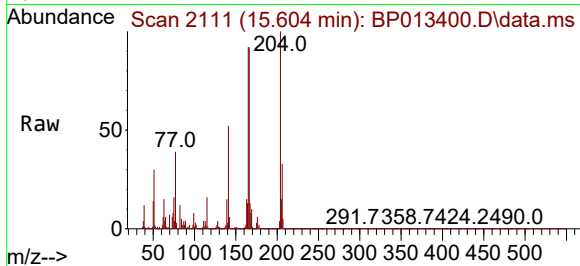




#62
4-Chlorophenyl-phenylether
Concen: 20.764 ng/ul
RT: 15.604 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

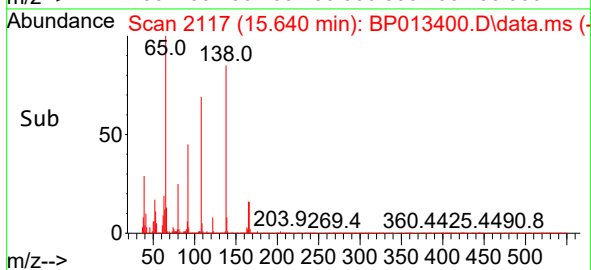
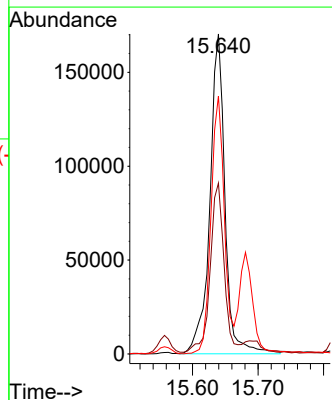
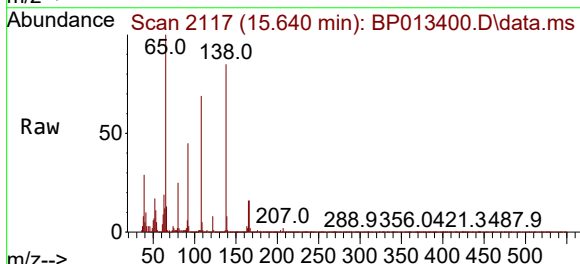
Instrument :
BNA_P
ClientSampleId :
SICV602

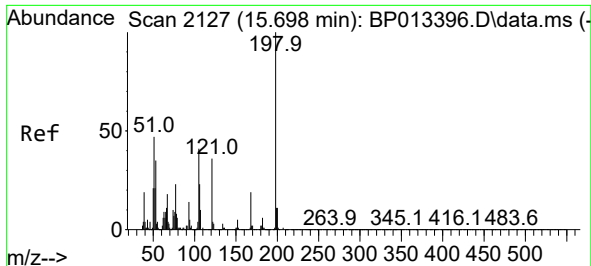
Tgt Ion:204 Resp: 966293
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 52.5 39.3 58.9



#63
4-Nitroaniline
Concen: 18.200 ng/ul
RT: 15.640 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion:138 Resp: 274531
Ion Ratio Lower Upper
138 100
92 53.4 43.1 64.7
108 80.6 63.6 95.4

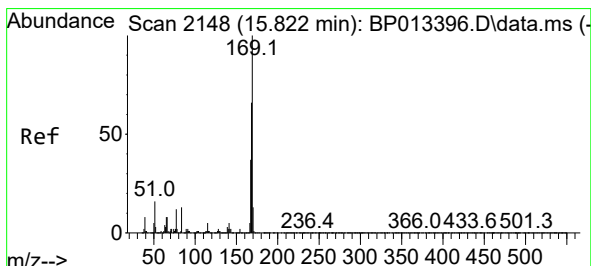
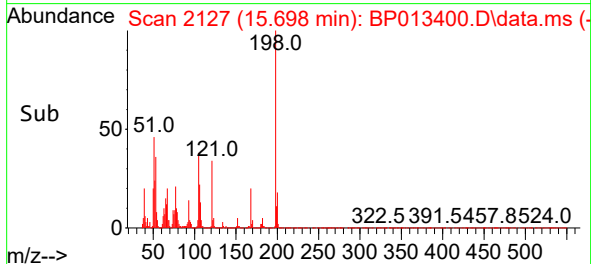
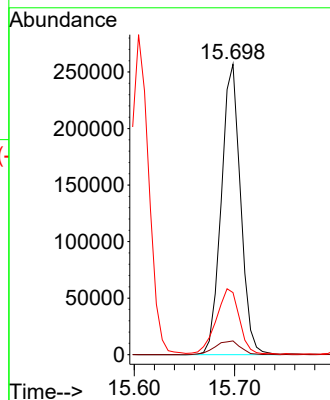
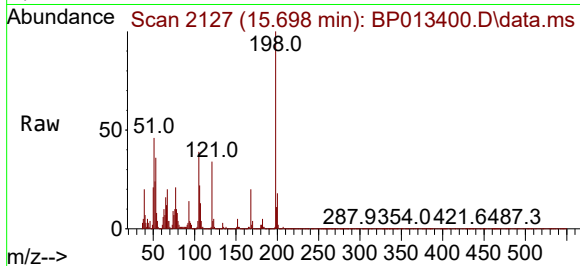




#66
4,6-Dinitro-2-methylphenol
Concen: 19.853 ng/ul
RT: 15.698 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

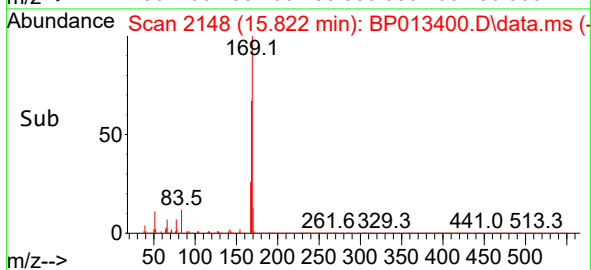
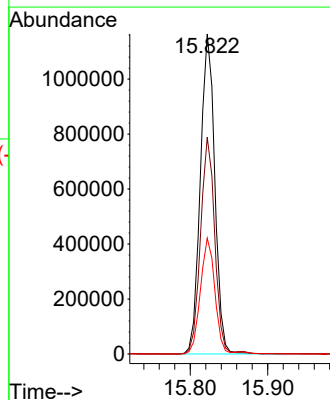
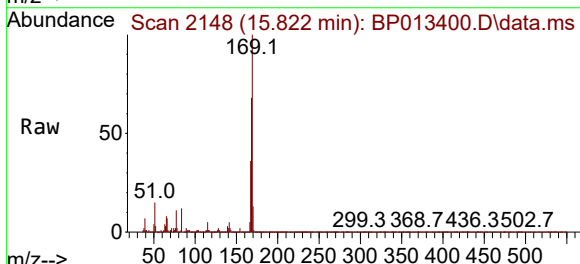
Instrument :
BNA_P
ClientSampleId :
SICV602

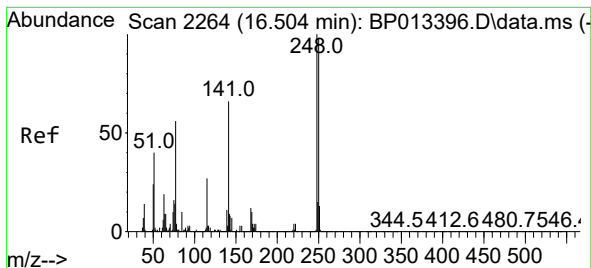
Tgt Ion:198 Resp: 341806
Ion Ratio Lower Upper
198 100
182 4.7 4.8 7.2#
77 21.4 18.9 28.3



#67
N-Nitrosodiphenylamine
Concen: 20.196 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion:169 Resp: 1502501
Ion Ratio Lower Upper
169 100
168 67.8 52.9 79.3
167 36.2 29.3 43.9

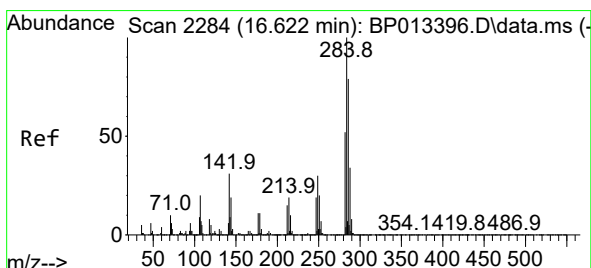
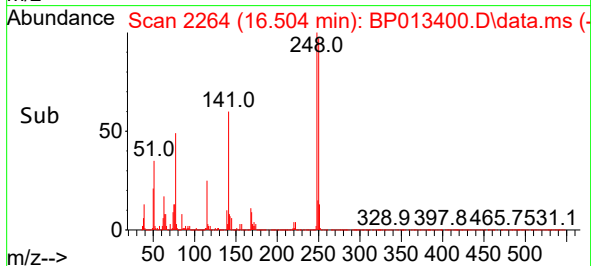
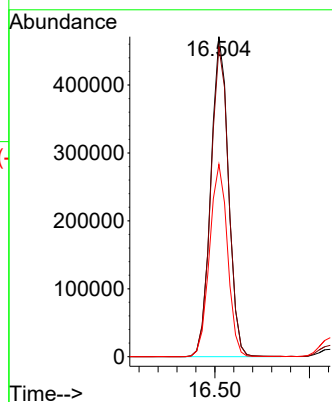
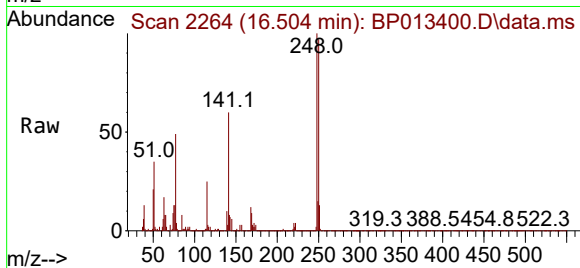




#68
4-Bromophenyl-phenylether
Concen: 21.328 ng/ul
RT: 16.504 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

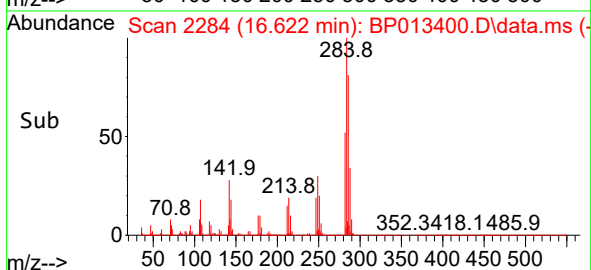
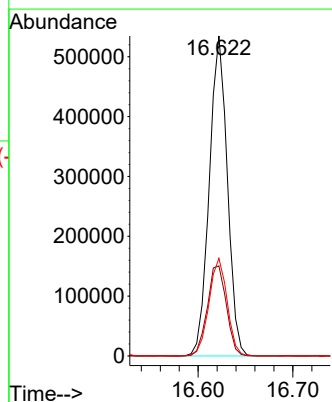
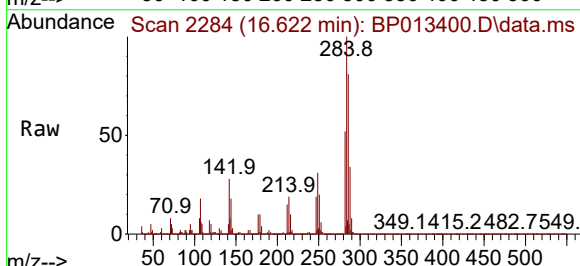
Instrument :
BNA_P
ClientSampleId :
SICV602

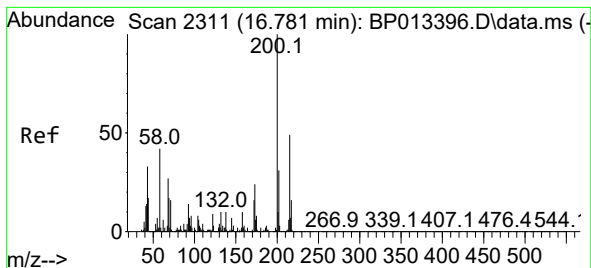
Tgt Ion:248 Resp: 607712
Ion Ratio Lower Upper
248 100
250 96.8 78.5 117.7
141 60.1 53.0 79.4



#69
Hexachlorobenzene
Concen: 20.543 ng/ul
RT: 16.622 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion:284 Resp: 705769
Ion Ratio Lower Upper
284 100
142 28.2 24.8 37.2
249 30.5 24.1 36.1





#70

Atrazine

Concen: 20.768 ng/ul

RT: 16.781 min Scan# 2311

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

Instrument :

BNA_P

ClientSampleId :

SICV602

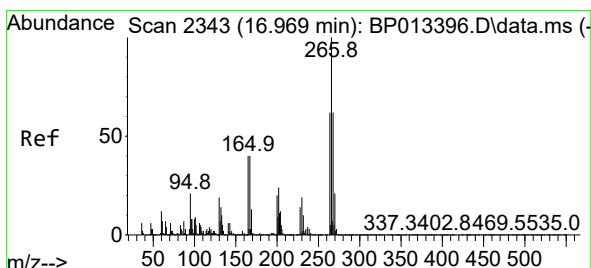
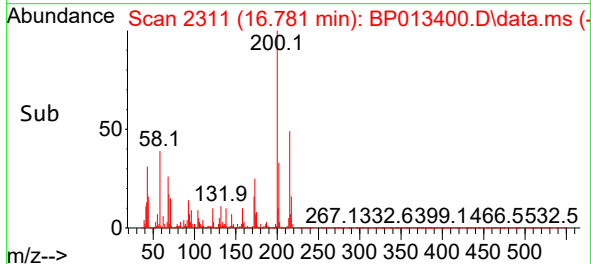
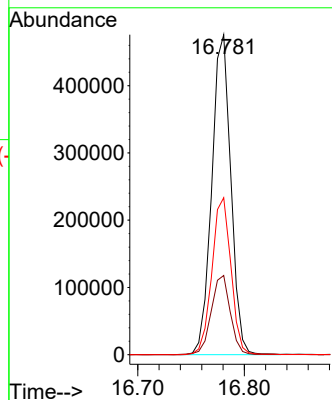
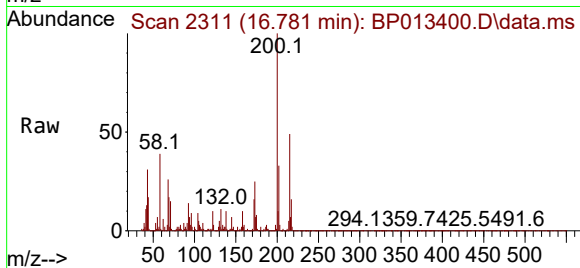
Tgt Ion:200 Resp: 590665

Ion Ratio Lower Upper

200 100

173 24.7 19.2 28.8

215 49.1 39.0 58.4



#71

Pentachlorophenol

Concen: 19.815 ng/ul

RT: 16.969 min Scan# 2343

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

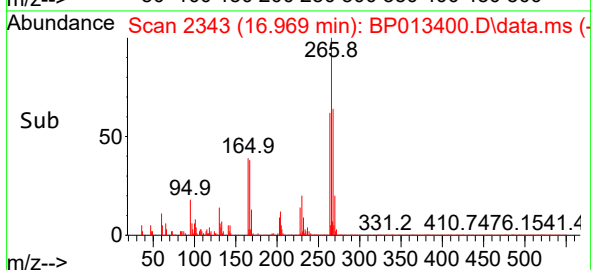
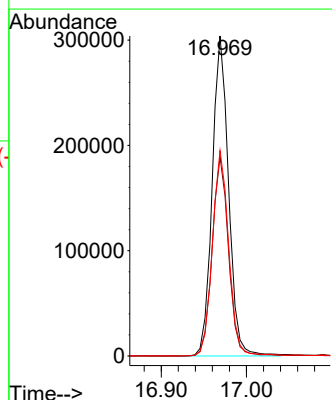
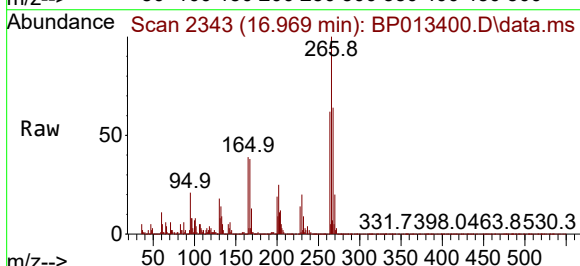
Tgt Ion:266 Resp: 405208

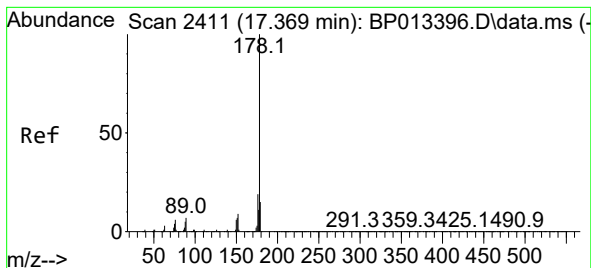
Ion Ratio Lower Upper

266 100

264 62.1 49.7 74.5

268 64.2 49.4 74.0





#72

Phenanthrene

Concen: 19.618 ng/ul

RT: 17.363 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

Instrument :

BNA_P

ClientSampleId :

SICV602

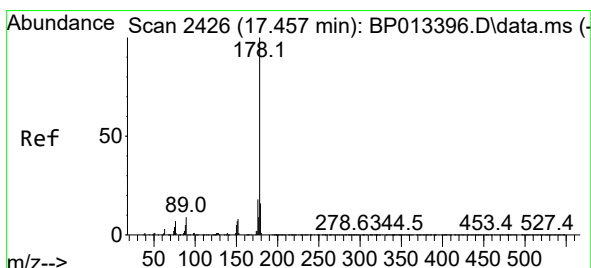
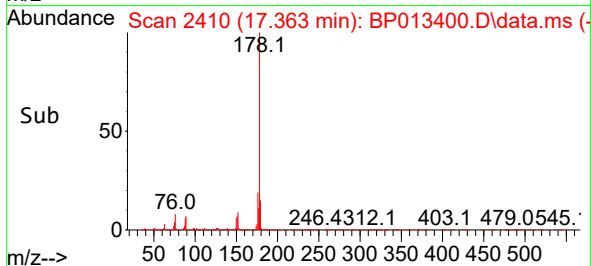
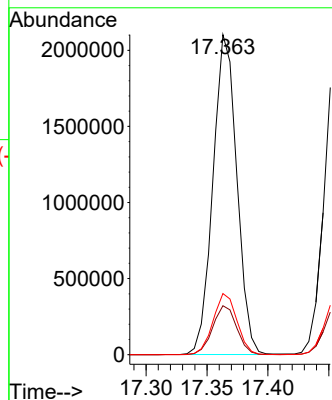
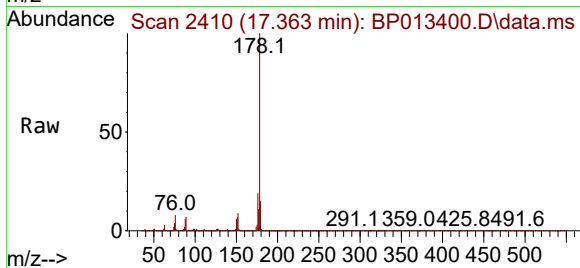
Tgt Ion:178 Resp: 2868970

Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

176 19.1 15.4 23.0



#74

Anthracene

Concen: 19.998 ng/ul

RT: 17.457 min Scan# 2426

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

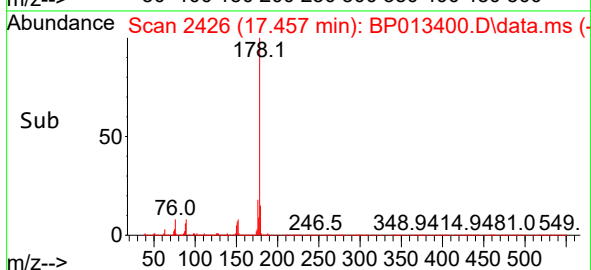
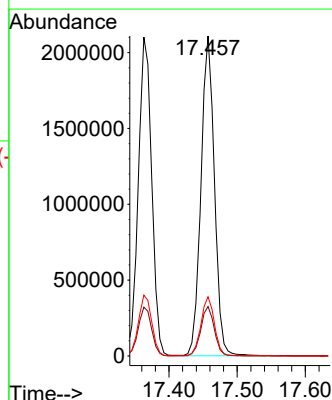
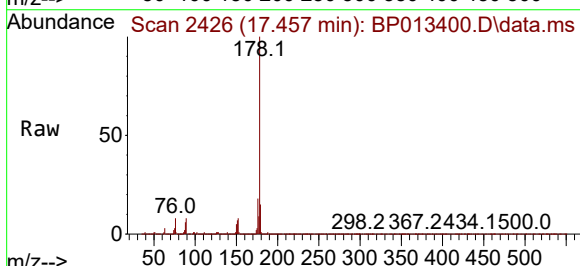
Tgt Ion:178 Resp: 2888874

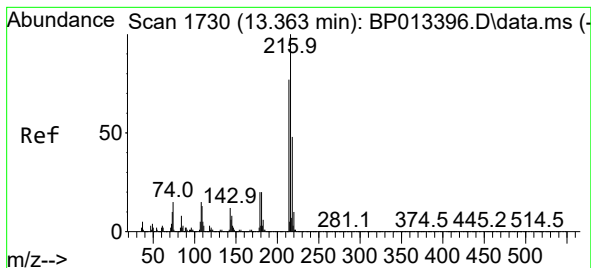
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.5 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.644 ng/uL

RT: 13.363 min Scan# 1730

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

Instrument :

BNA_P

ClientSampleId :

SICV602

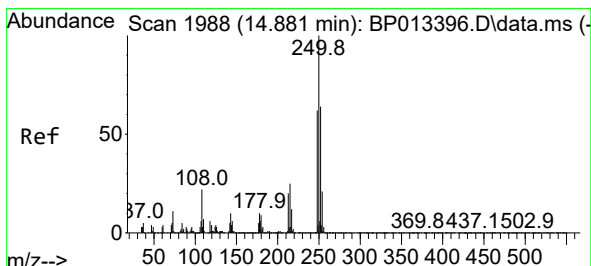
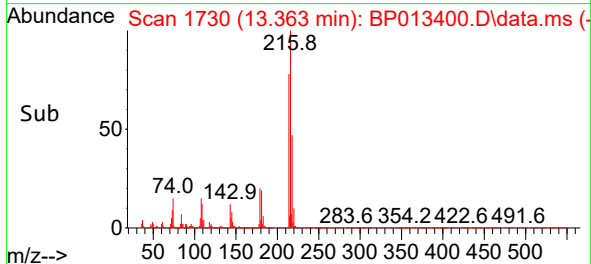
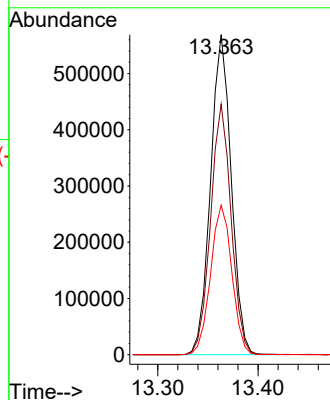
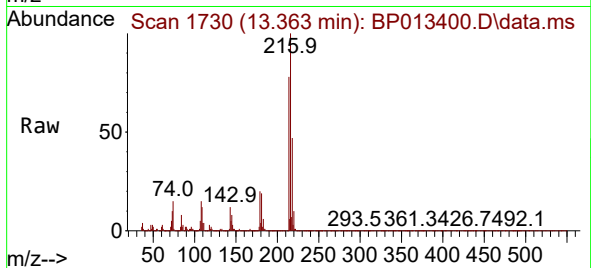
Tgt Ion:216 Resp: 816032

Ion Ratio Lower Upper

216 100

214 78.3 61.7 92.5

218 46.7 38.1 57.1



#76

Pentachlorobenzene

Concen: 20.131 ng/uL

RT: 14.881 min Scan# 1988

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

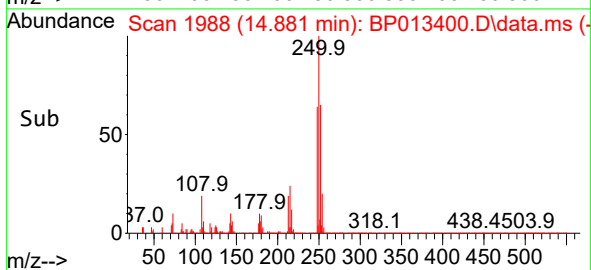
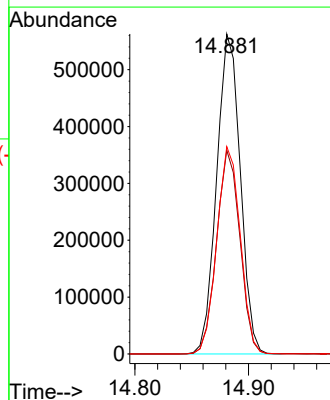
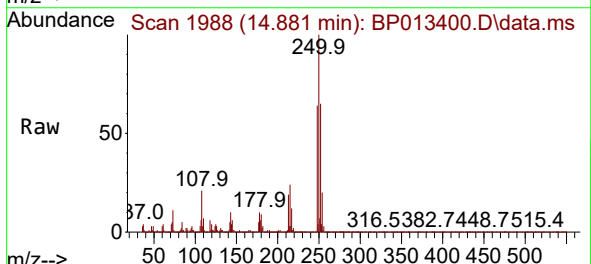
Tgt Ion:250 Resp: 814205

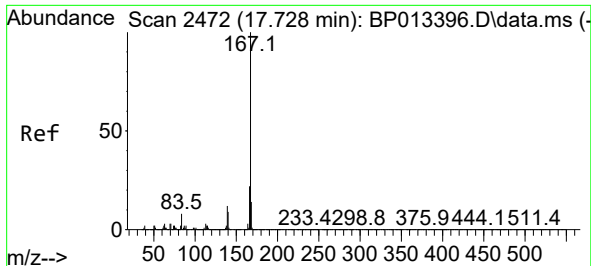
Ion Ratio Lower Upper

250 100

248 63.6 50.0 75.0

252 64.8 51.1 76.7

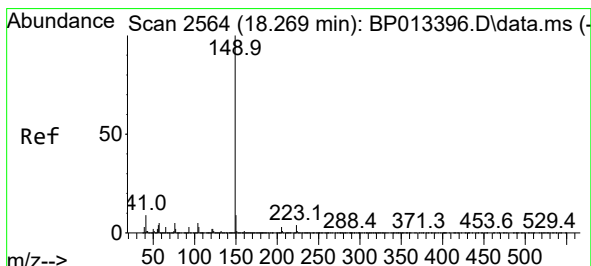
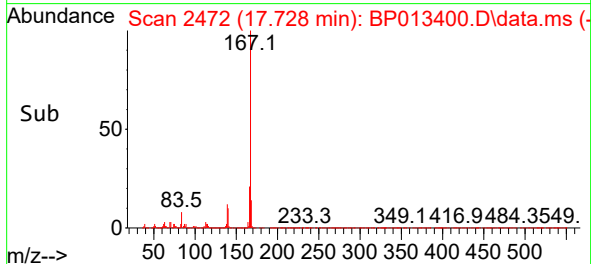
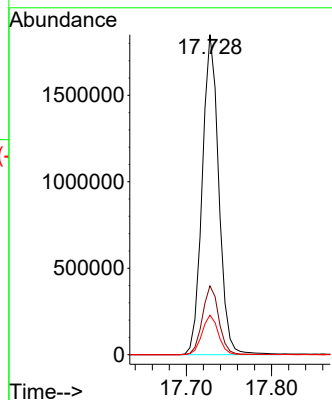
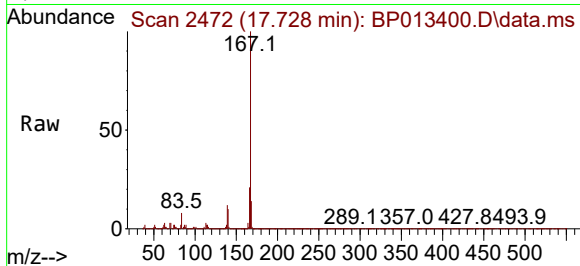




#77
 Carbazole
 Concen: 19.884 ng/ul
 RT: 17.728 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BP013400.D
 Acq: 05 Jan 2023 16:35

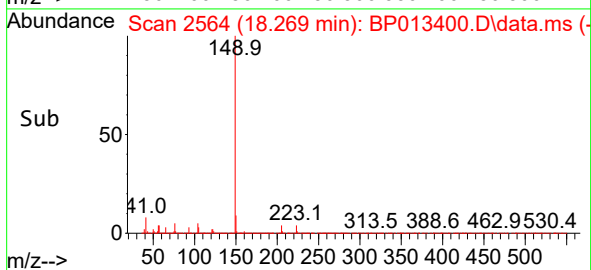
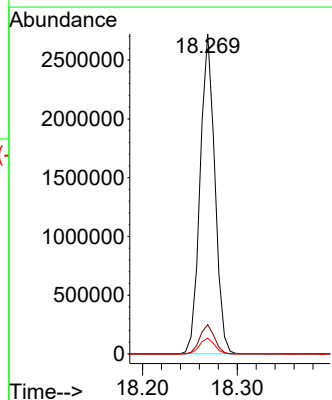
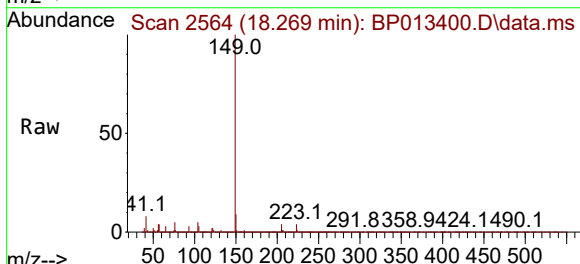
Instrument :
 BNA_P
 ClientSampleId :
 SICV602

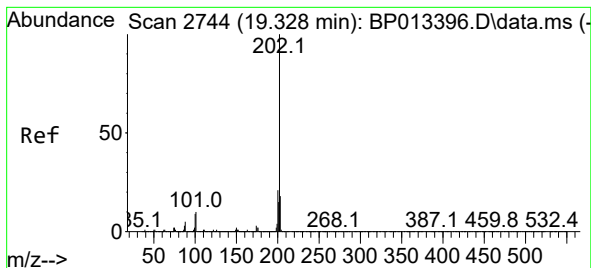
Tgt Ion:167 Resp: 2487939
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 12.4 9.8 14.6



#78
 Di-n-butylphthalate
 Concen: 23.904 ng/ul
 RT: 18.269 min Scan# 2564
 Delta R.T. 0.000 min
 Lab File: BP013400.D
 Acq: 05 Jan 2023 16:35

Tgt Ion:149 Resp: 2933249
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.1 10.7
 104 5.0 4.3 6.5





#80

Fluoranthene

Concen: 20.031 ng/ul

RT: 19.328 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

Instrument :

BNA_P

ClientSampleId :

SICV602

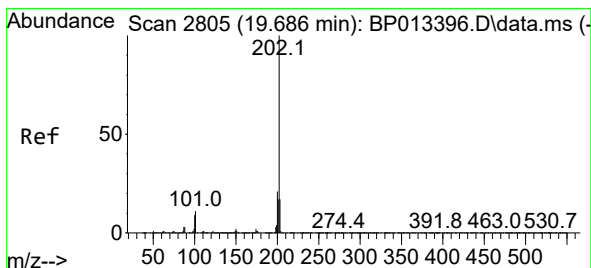
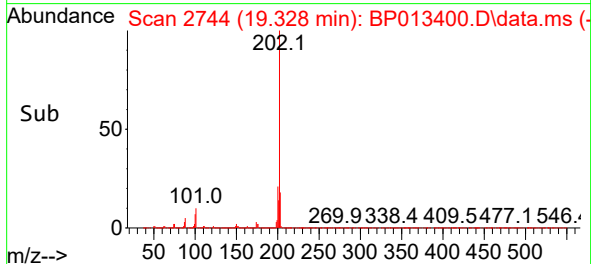
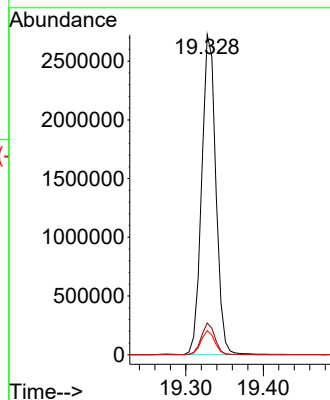
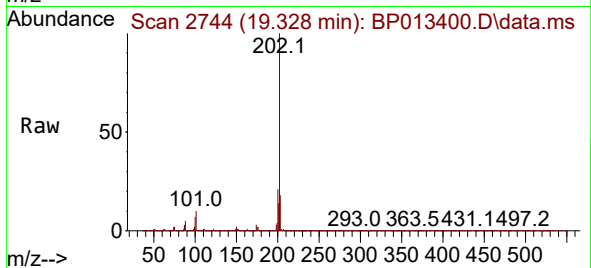
Tgt Ion:202 Resp: 3458746

Ion Ratio Lower Upper

202 100

101 9.9 8.3 12.5

100 7.5 6.8 10.2



#82

Pyrene

Concen: 19.857 ng/ul

RT: 19.681 min Scan# 2804

Delta R.T. -0.006 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

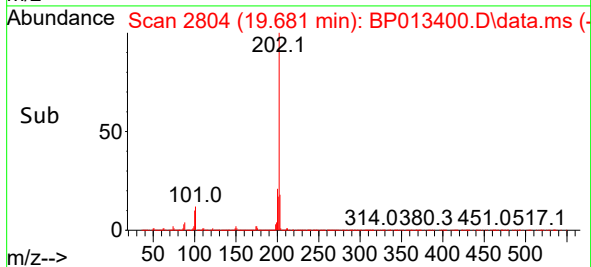
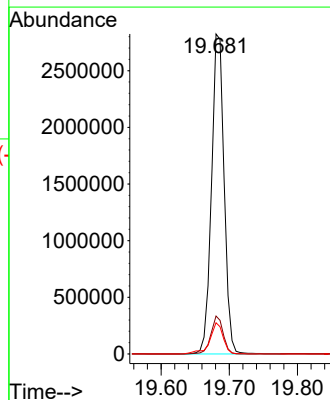
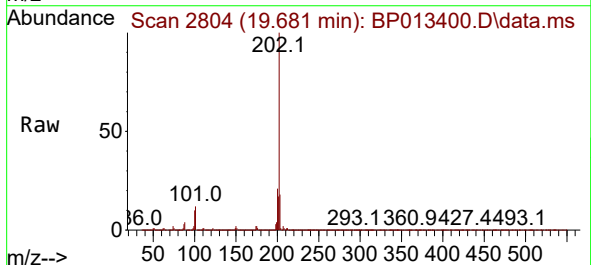
Tgt Ion:202 Resp: 3632942

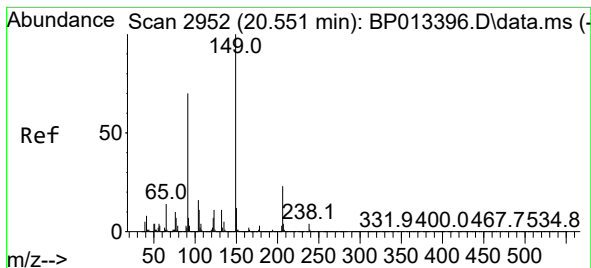
Ion Ratio Lower Upper

202 100

101 11.8 8.8 13.2

100 9.8 7.4 11.2





#83

Butylbenzylphthalate

Concen: 24.021 ng/ul

RT: 20.545 min Scan# 2952

Delta R.T. -0.006 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

Instrument :

BNA_P

ClientSampleId :

SICV602

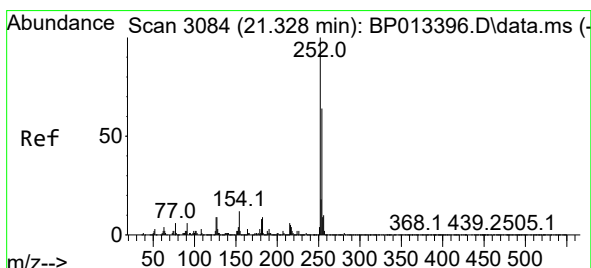
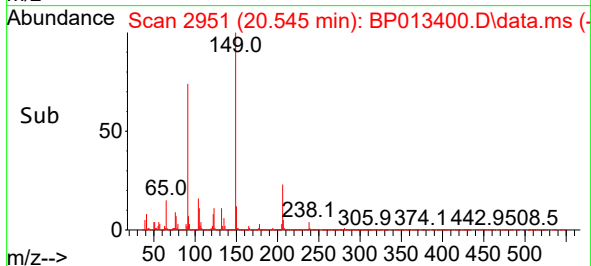
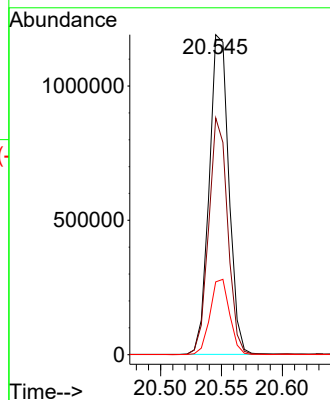
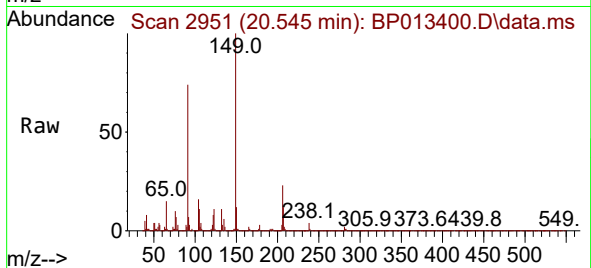
Tgt Ion:149 Resp: 1333562

Ion Ratio Lower Upper

149 100

91 74.0 55.8 83.6

206 22.7 18.5 27.7



#84

3,3'-Dichlorobenzidine

Concen: 21.654 ng/ul

RT: 21.322 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

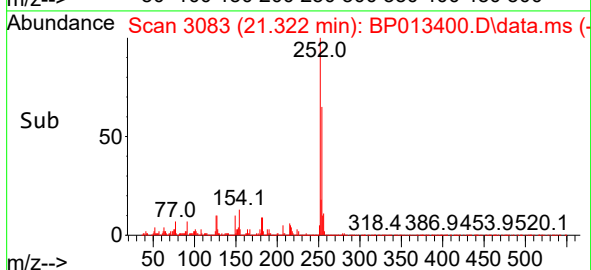
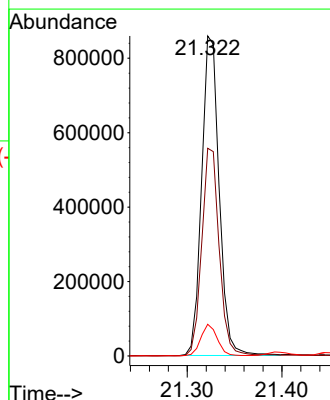
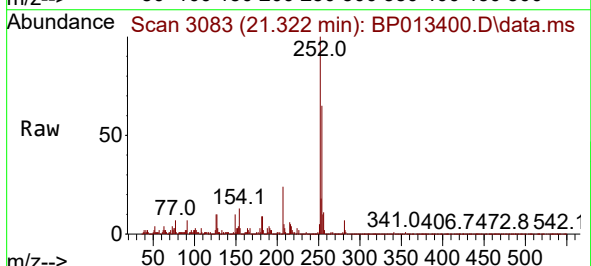
Tgt Ion:252 Resp: 1106531

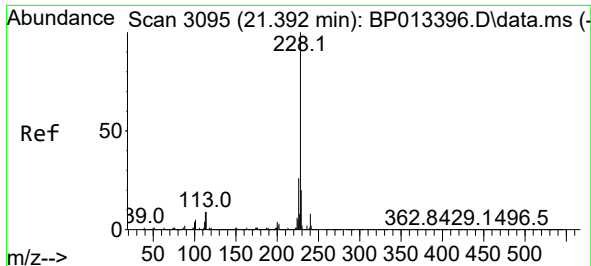
Ion Ratio Lower Upper

252 100

254 64.9 51.0 76.4

126 9.9 7.0 10.4

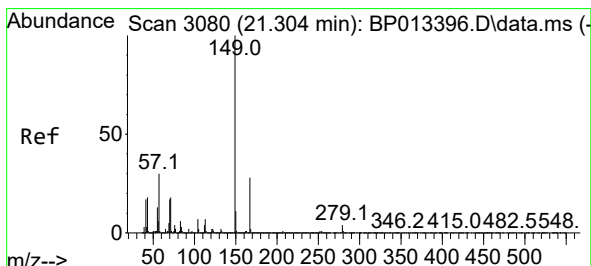
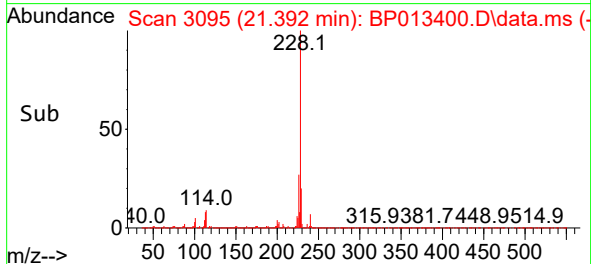
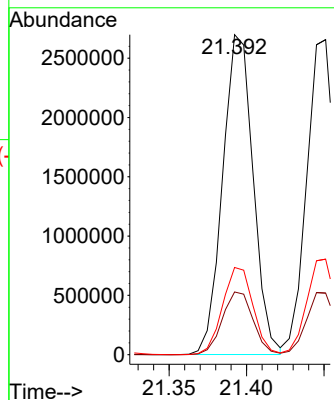
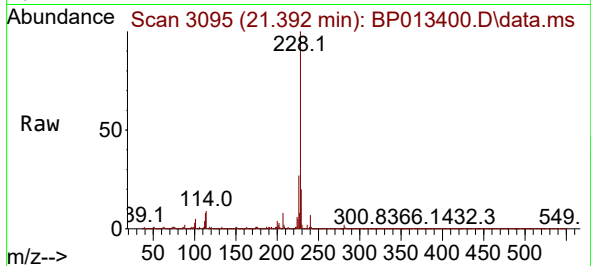




#85
Benzo(a)anthracene
Concen: 20.139 ng/ul
RT: 21.392 min Scan# 3095
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

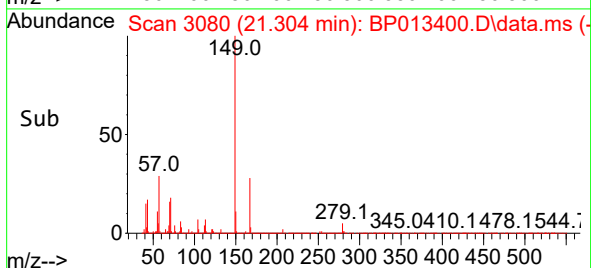
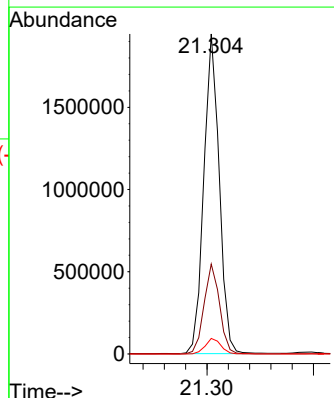
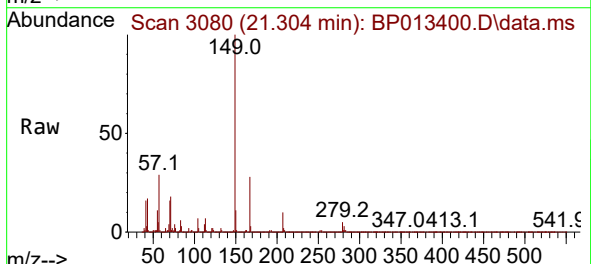
Instrument :
BNA_P
ClientSampleId :
SICV602

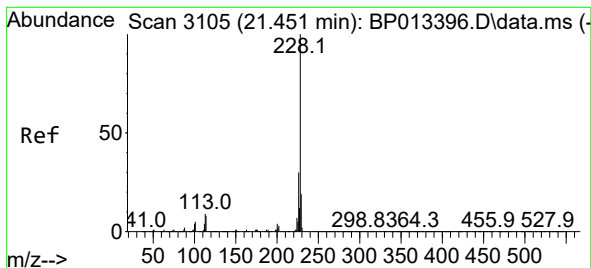
Tgt Ion:228 Resp: 3698014
Ion Ratio Lower Upper
228 100
229 19.6 15.9 23.9
226 27.3 21.2 31.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 25.344 ng/ul
RT: 21.304 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion:149 Resp: 1959883
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.4
279 4.8 3.5 5.3





#87

Chrysene

Concen: 19.641 ng/ul

RT: 21.451 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

Instrument :

BNA_P

ClientSampleId :

SICV602

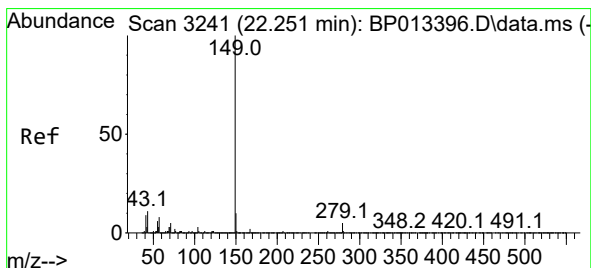
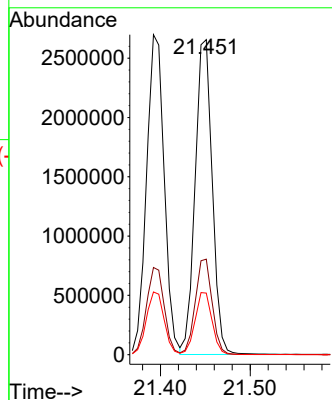
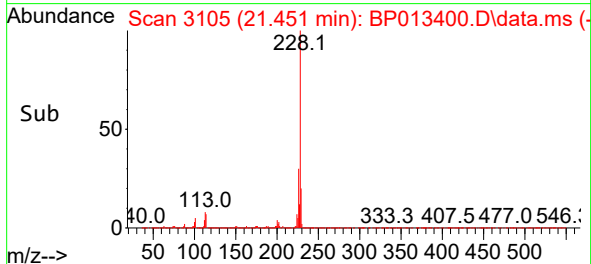
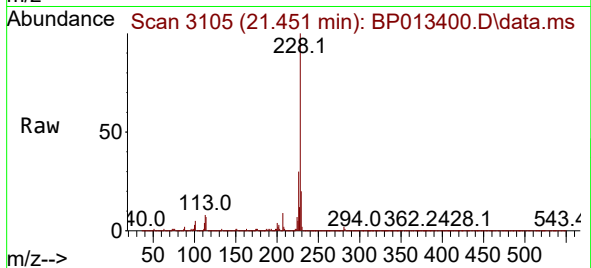
Tgt Ion:228 Resp: 3515311

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

229 19.6 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 24.899 ng/ul

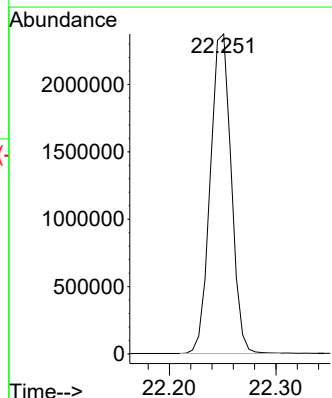
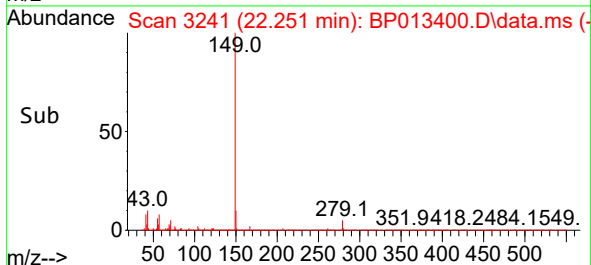
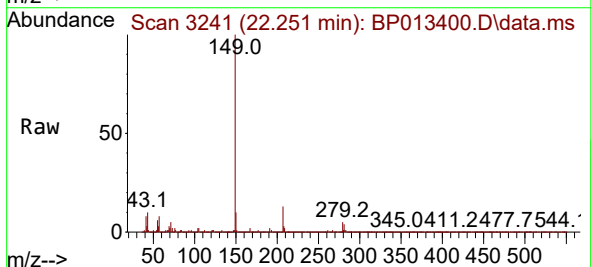
RT: 22.251 min Scan# 3241

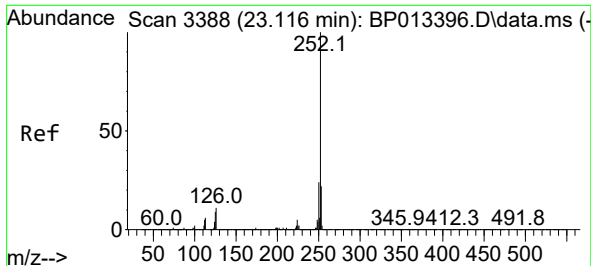
Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

Tgt Ion:149 Resp: 3227257

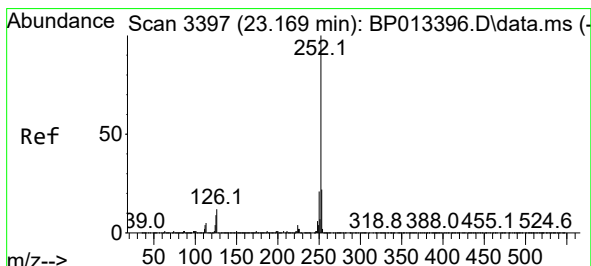
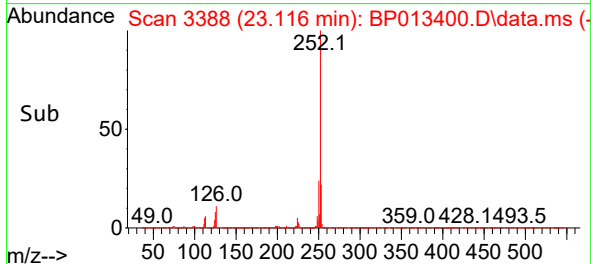
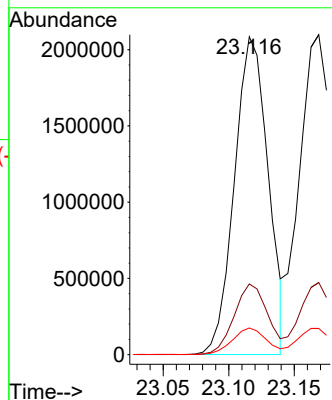
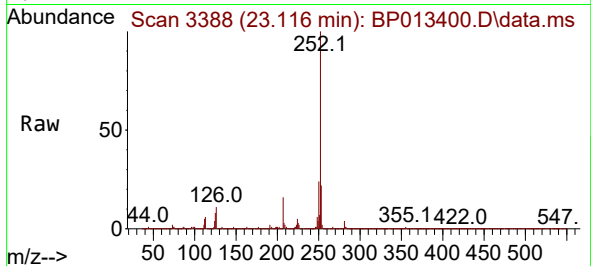




#90
Benzo(b)fluoranthene
Concen: 19.466 ng/ul
RT: 23.116 min Scan# 3388
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

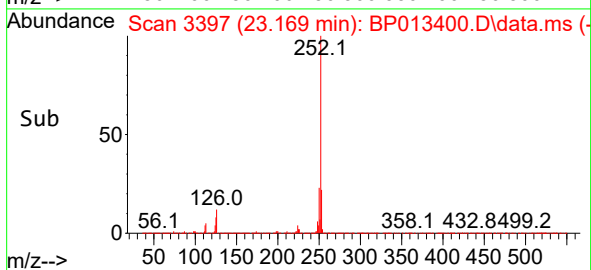
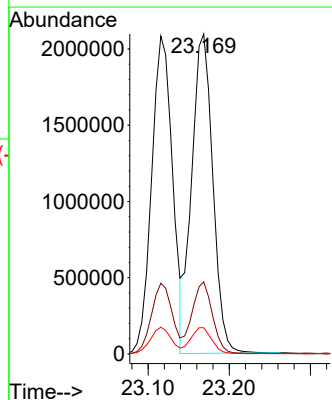
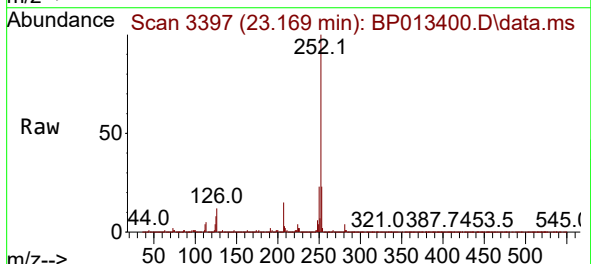
Instrument :
BNA_P
ClientSampleId :
SICV602

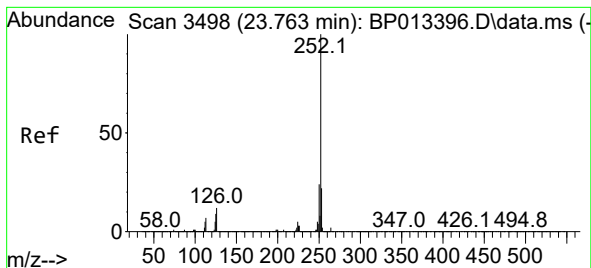
Tgt Ion:252 Resp: 3722699
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 8.4 7.1 10.7



#91
Benzo(k)fluoranthene
Concen: 20.775 ng/ul
RT: 23.169 min Scan# 3397
Delta R.T. 0.000 min
Lab File: BP013400.D
Acq: 05 Jan 2023 16:35

Tgt Ion:252 Resp: 3791022
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 8.2 6.9 10.3





#93

Benzo(a)pyrene

Concen: 20.076 ng/ul

RT: 23.763 min Scan# 3498

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

Instrument :

BNA_P

ClientSampleId :

SICV602

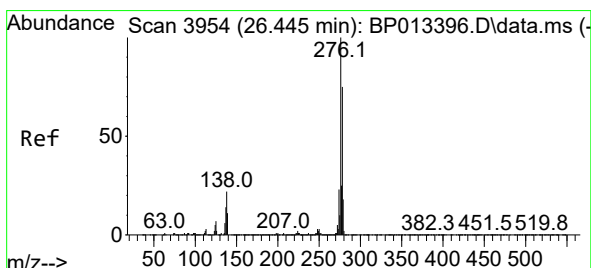
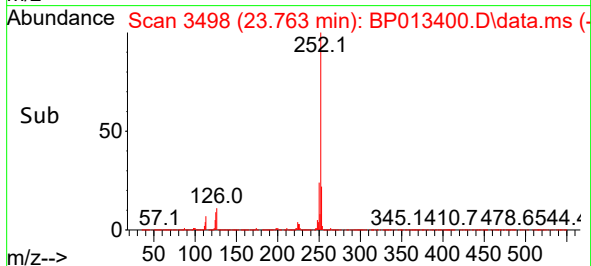
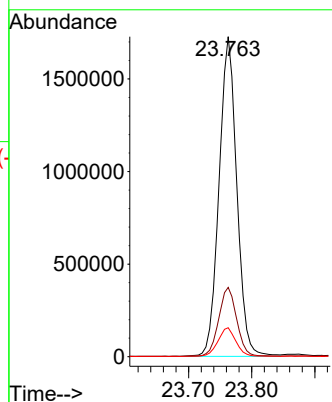
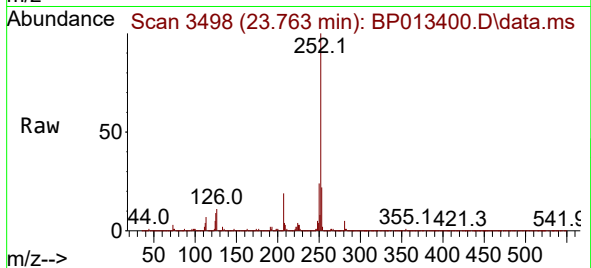
Tgt Ion:252 Resp: 3371014

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.0 7.6 11.4



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.483 ng/ul

RT: 26.445 min Scan# 3954

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

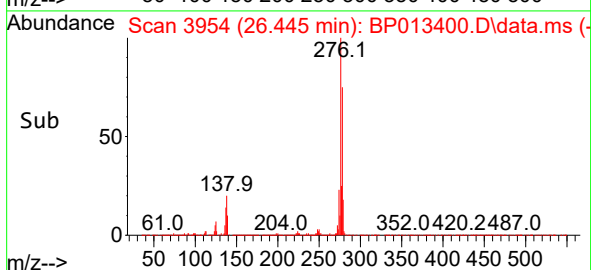
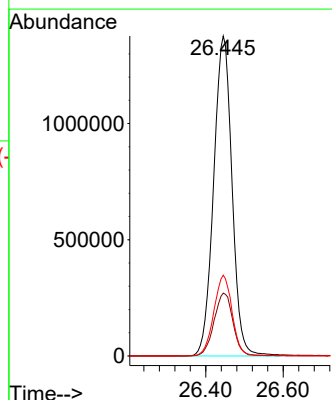
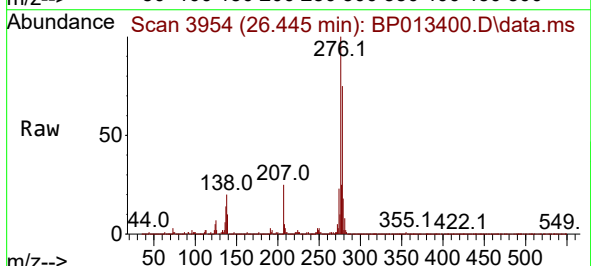
Tgt Ion:276 Resp: 4533004

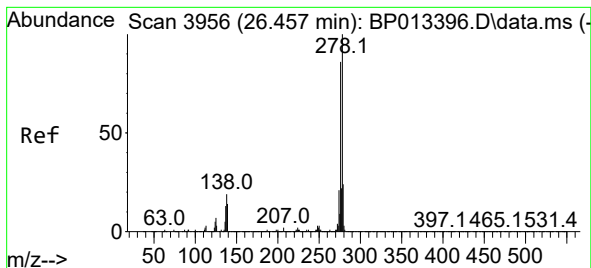
Ion Ratio Lower Upper

276 100

138 19.6 17.3 25.9

277 25.2 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 19.462 ng/ul

RT: 26.457 min Scan# 3956

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

Instrument :

BNA_P

ClientSampleId :

SICV602

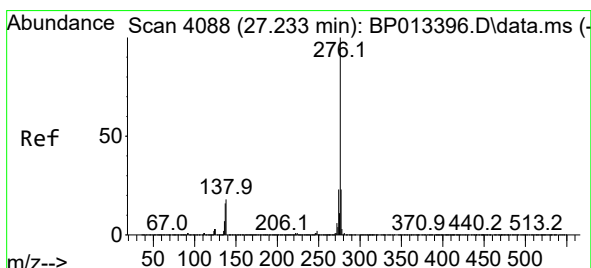
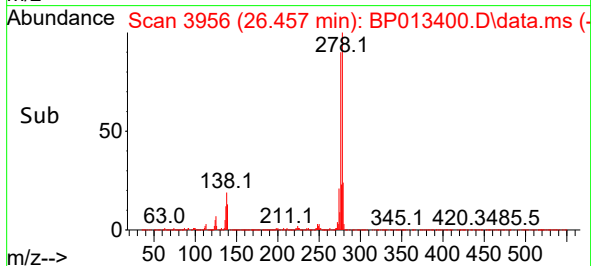
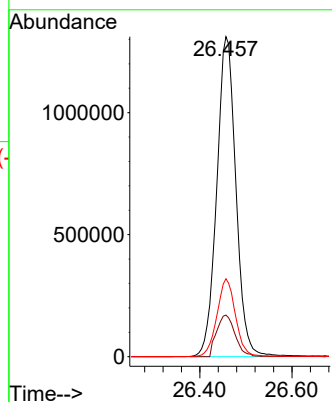
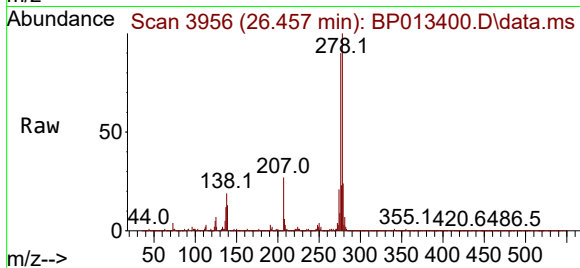
Tgt Ion:278 Resp: 3777233

Ion Ratio Lower Upper

278 100

139 13.0 11.3 16.9

279 24.3 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 18.927 ng/ul

RT: 27.233 min Scan# 4088

Delta R.T. 0.000 min

Lab File: BP013400.D

Acq: 05 Jan 2023 16:35

Tgt Ion:276 Resp: 3621827

Ion Ratio Lower Upper

276 100

138 17.6 14.5 21.7

277 24.0 18.8 28.2

