

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010523\
 Data File : BP013399.D
 Acq On : 05 Jan 2023 16:00
 Operator : CG/JU
 Sample : SSTD16022
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160601

Quant Time: Jan 06 00:23:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 06 00:16:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	430657	20.000	ng/ul	0.00
20) Naphthalene-d8	10.734	136	1727478	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	1076816	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	2369950	20.000	ng/ul	0.00
79) Chrysene-d12	21.416	240	2222417	20.000	ng/ul	0.00
88) Perylene-d12	23.880	264	2619042	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	690377	68.542	ng/uL	0.00
4) Pyridine-d5	3.734	84	4995841	174.606	ng/ul	0.00
7) Phenol-d5	7.093	99	6094571	173.743	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.258	67	3656356	172.792	ng/ul	0.01
11) 2-Chlorophenol-d4	7.458	132	4806258	174.053	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	4630133	161.093	ng/ul	0.02
21) Nitrobenzene-d5	9.099	128	2379766	187.498	ng/ul	0.01
24) 2-Nitrophenol-d4	9.822	143	2788999	195.185	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.363	165	4921821	177.335	ng/ul	0.01
31) 4-Chloroaniline-d4	10.881	131	6285528	160.419	ng/ul	0.00
46) Dimethylphthalate-d6	13.987	166	12904473	155.930	ng/ul	0.01
49) Acenaphthylene-d8	14.263	160	14511978	159.582	ng/ul	0.00
54) 4-Nitrophenol-d4	14.793	143	2568737	172.554	ng/ul	0.02
60) Fluorene-d10	15.569	176	10829456	154.676	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.704	200	2889375	189.453	ng/ul	0.02
73) Anthracene-d10	17.428	188	15226731	142.413	ng/ul	0.00
81) Pyrene-d10	19.657	212	16417528	128.698	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	21401703	163.943	ng/ul	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	724413	68.896	ng/uL	97
5) Pyridine	3.752	79	4976203	174.994	ng/ul	98
6) Benzaldehyde	7.064	77	1842335	134.130	ng/ul	93
8) Phenol	7.122	94	6065078	171.006	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.352	93	4781838	164.267	ng/ul	98
12) 2-Chlorophenol	7.487	128	4792160	169.231	ng/ul	96
13) 2-Methylphenol	8.375	108	4569898	165.272	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.458	45	7400250	185.260	ng/ul	98
16) Acetophenone	8.763	105	6807871	154.477	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.769	70	3431652	154.848	ng/ul	95
18) 4-Methylphenol	8.722	108	4870432	159.025	ng/ul	98
19) Hexachloroethane	9.005	117	1971548	174.227	ng/ul	98
22) Nitrobenzene	9.146	77	5427340	182.228	ng/ul	94
23) Isophorone	9.687	82	10203063	169.421	ng/ul	97
25) 2-Nitrophenol	9.858	139	2832790	182.968	ng/ul	95
26) 2,4-Dimethylphenol	9.916	107	5149210	170.456	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.152	93	6311571	163.906	ng/ul	98
29) 2,4-Dichlorophenol	10.393	162	4698892	172.833	ng/ul	99
30) Naphthalene	10.787	128	14280578	158.066	ng/ul	98
32) 4-Chloroaniline	10.910	127	6209940	160.160	ng/ul	99
33) Hexachlorobutadiene	11.063	225	3325380	178.141	ng/ul	98
34) Caprolactam	11.740	113	789137	85.127	ng/ul	95
35) 4-Chloro-3-methylphenol	12.040	107	4733434	170.602	ng/ul	97
36) 2-Methylnaphthalene	12.399	142	9681702	156.208	ng/ul	97

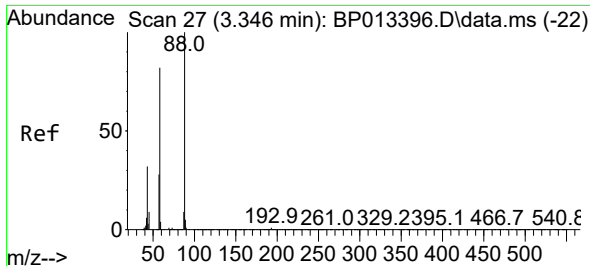
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	9761885	153.152	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.763	216	5946092	171.487	ng/ul	99
40) Hexachlorocyclopentadiene	12.740	237	4417697	195.786	ng/ul	100
41) 2,4,6-Trichlorophenol	13.004	196	3987980	178.964	ng/ul	98
42) 2,4,5-Trichlorophenol	13.081	196	4316453	180.333	ng/ul	99
43) 1,1'-Biphenyl	13.404	154	12391273	153.219	ng/ul	98
44) 2-Chloronaphthalene	13.451	162	10200092	160.252	ng/ul	98
45) 2-Nitroaniline	13.663	65	3165675	205.135	ng/ul	93
47) Dimethylphthalate	14.034	163	12496293	152.348	ng/ul	97
48) 2,6-Dinitrotoluene	14.163	165	2904642	190.548	ng/ul	90
50) Acenaphthylene	14.293	152	14095820	144.180	ng/ul	94
51) 3-Nitroaniline	14.493	138	2637551	183.241	ng/ul	93
52) Acenaphthene	14.640	153	10409006	153.641	ng/ul	100
53) 2,4-Dinitrophenol	14.698	184	2152053	206.535	ng/ul	91
55) 4-Nitrophenol	14.810	109	1845711	181.709	ng/ul	95
56) Dibenzofuran	14.969	168	13835021	143.629	ng/ul	93
57) 2,4-Dinitrotoluene	14.951	165	4023239	181.698	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.198	232	3814613	174.632	ng/ul	99
59) Diethylphthalate	15.398	149	12239228	153.495	ng/ul	98
61) Fluorene	15.628	166	10870890	140.721	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.610	204	6112331	149.619	ng/ul	97
63) 4-Nitroaniline	15.669	138	2277593	179.822	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.716	198	2726355	182.930	ng/ul#	95
67) N-Nitrosodiphenylamine	15.834	169	10199881	155.238	ng/ul	99
68) 4-Bromophenyl-phenylether	16.510	248	4479563	174.049	ng/ul	97
69) Hexachlorobenzene	16.628	284	5096784	166.780	ng/ul	96
70) Atrazine	16.798	200	4253282	166.115	ng/ul	98
71) Pentachlorophenol	16.975	266	3344809	180.731	ng/ul	97
72) Phenanthrene	17.369	178	15825715	128.204	ng/ul#	86
74) Anthracene	17.463	178	14991981	121.633	ng/ul#	85
75) 1,2,3,4-Tetrachloroben...	13.369	216	5961618	176.313	ng/uL	98
76) Pentachlorobenzene	14.893	250	5757073	166.999	ng/uL	99
77) Carbazole	17.734	167	14934195	143.873	ng/ul#	90
78) Di-n-butylphthalate	18.269	149	14578742	115.351	ng/ul#	86
80) Fluoranthene	19.275	202	54219	0.374	ng/ul#	58
83) Butylbenzylphthalate	20.551	149	9543449	165.402	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	7211191	143.631	ng/ul	98
85) Benzo(a)anthracene	21.451	228	3124270	21.176	ng/ul#	76
86) Bis(2-ethylhexyl)phtha...	21.304	149	11631764	142.913	ng/ul#	86
87) Chrysene	21.451	228	3124270	22.393	ng/ul#	80
90) Benzo(b)fluoranthene	23.174	252	1635119	9.791	ng/ul	94
91) Benzo(k)fluoranthene	23.174	252	1635119	9.873	ng/ul	94
93) Benzo(a)pyrene	23.927	252	22083	0.152	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	26.480	276	21892992	120.864	ng/ul	98
95) Dibenzo(a,h)anthracene	26.504	278	25500437	170.033	ng/ul	97
96) Benzo(g,h,i)perylene	27.286	276	26756082	183.993	ng/ul	99

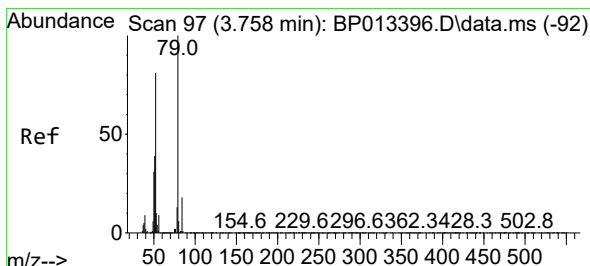
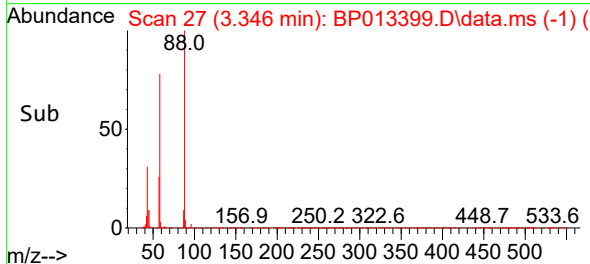
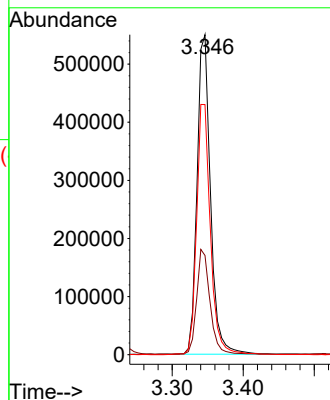
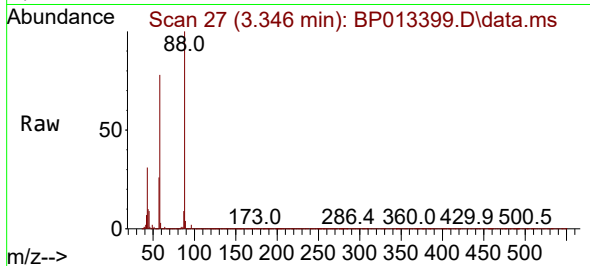
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#2
1,4-Dioxane
Concen: 68.896 ng/uL
RT: 3.346 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013399.D
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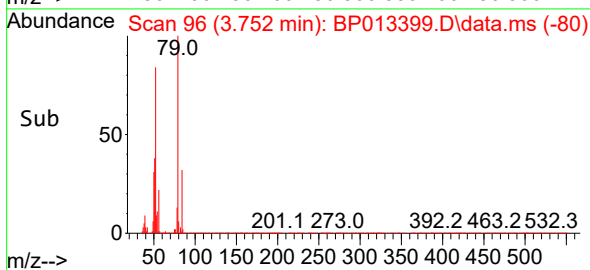
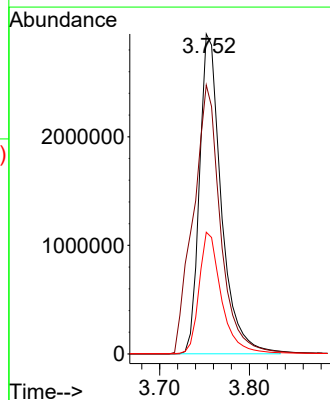
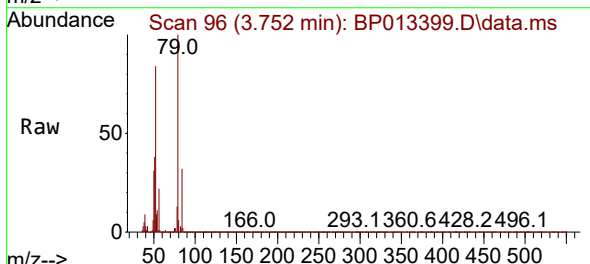
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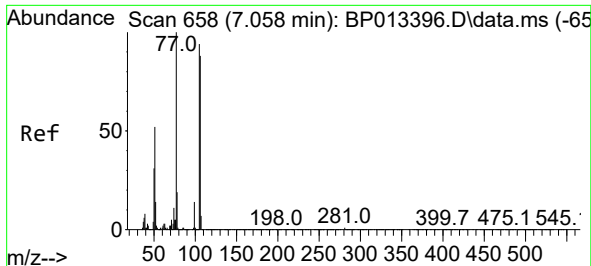
Tgt Ion: 88 Resp: 724413
Ion Ratio Lower Upper
88 100
43 31.0 26.6 40.0
58 78.2 64.7 97.1



#5
Pyridine
Concen: 174.994 ng/uL
RT: 3.752 min Scan# 96
Delta R.T. -0.006 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion: 79 Resp: 4976203
Ion Ratio Lower Upper
79 100
52 84.1 67.7 101.5
51 38.1 32.3 48.5

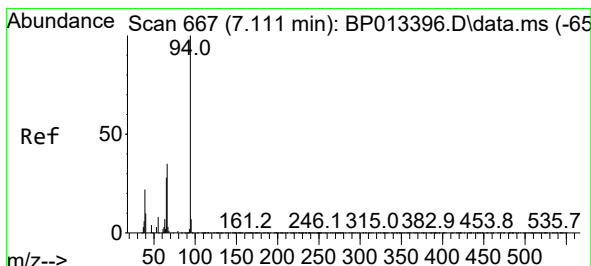
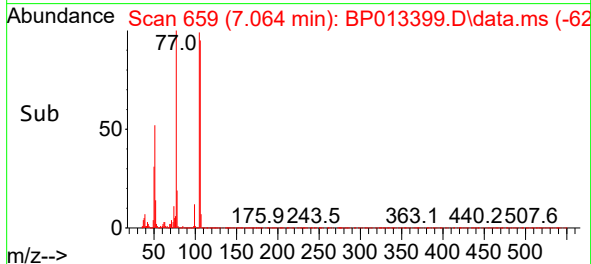
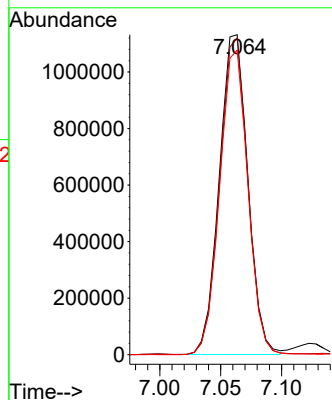
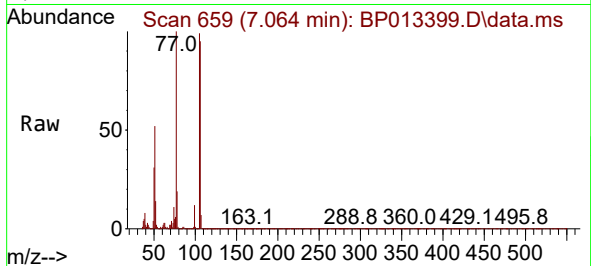




#6
Benzaldehyde
Concen: 134.130 ng/ul
RT: 7.064 min Scan# 658
Delta R.T. 0.006 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

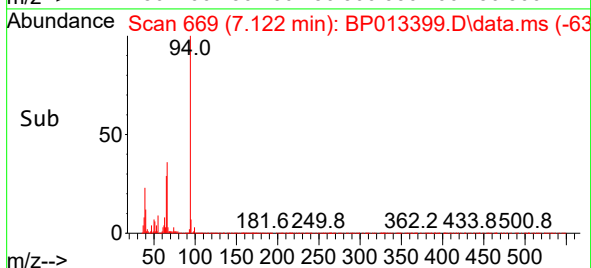
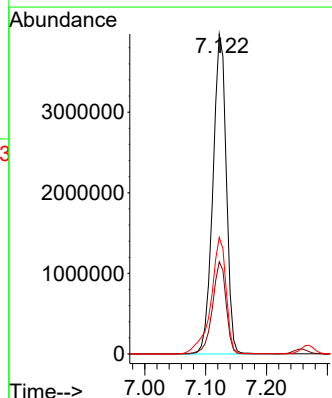
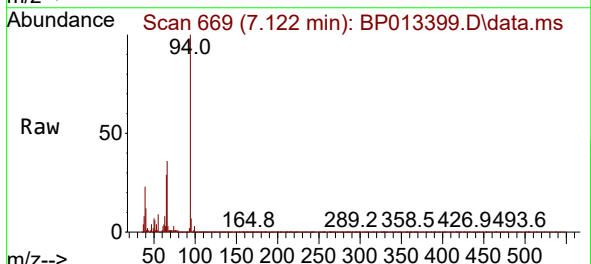
Instrument :
BNA_P
ClientSampleId :
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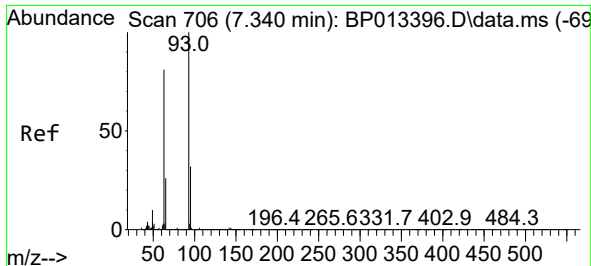
Tgt Ion: 77 Resp: 1842335
Ion Ratio Lower Upper
77 100
105 99.0 75.4 113.0
106 95.2 69.8 104.8



#8
Phenol
Concen: 171.006 ng/ul
RT: 7.122 min Scan# 669
Delta R.T. 0.012 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion: 94 Resp: 6065078
Ion Ratio Lower Upper
94 100
65 28.8 22.8 34.2
66 36.4 28.6 42.8

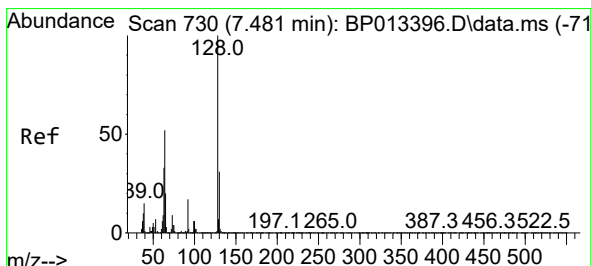
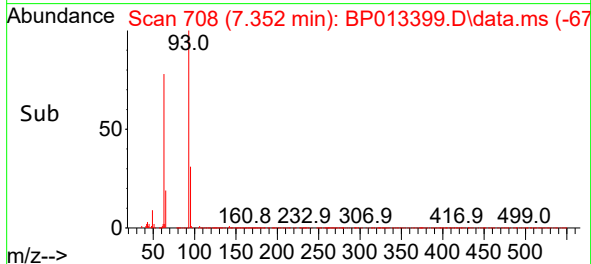
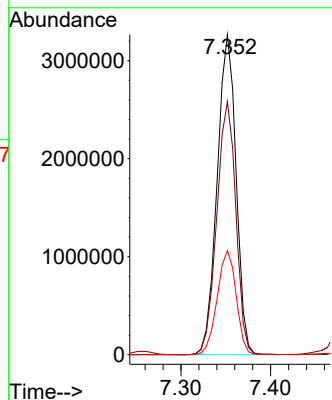
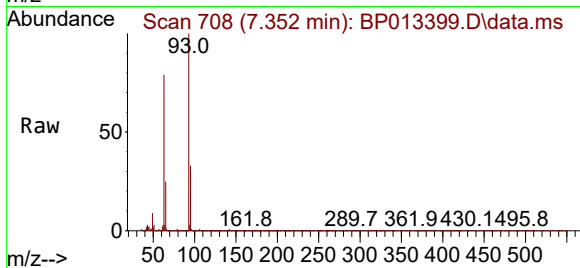




#10
Bis(2-Chloroethyl)ether
Concen: 164.267 ng/ul
RT: 7.352 min Scan# 706
Delta R.T. 0.012 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

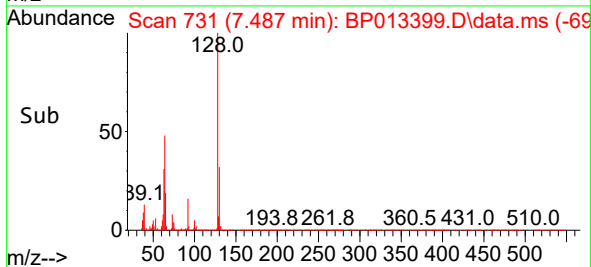
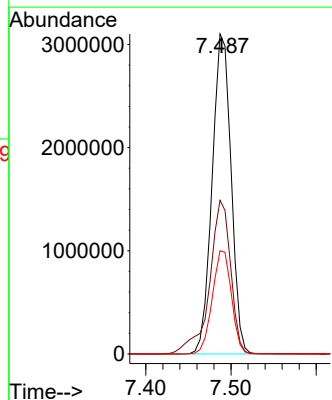
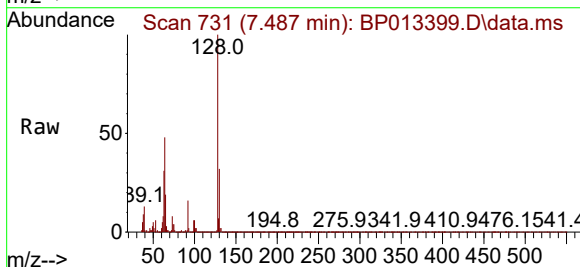
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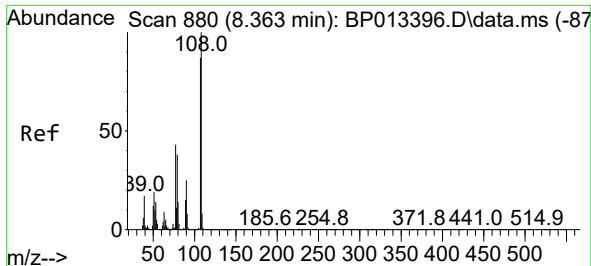
Tgt Ion: 93 Resp: 4781838
Ion Ratio Lower Upper
93 100
63 79.1 64.7 97.1
95 32.5 25.7 38.5



#12
2-Chlorophenol
Concen: 169.231 ng/ul
RT: 7.487 min Scan# 731
Delta R.T. 0.006 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion:128 Resp: 4792160
Ion Ratio Lower Upper
128 100
64 48.0 41.4 62.2
130 32.2 24.9 37.3

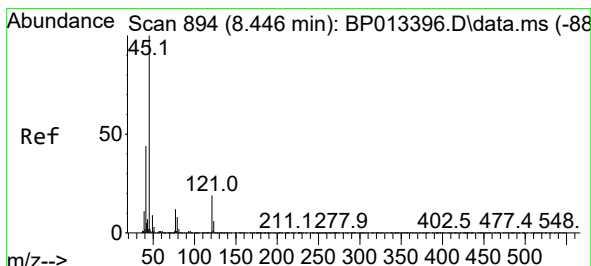
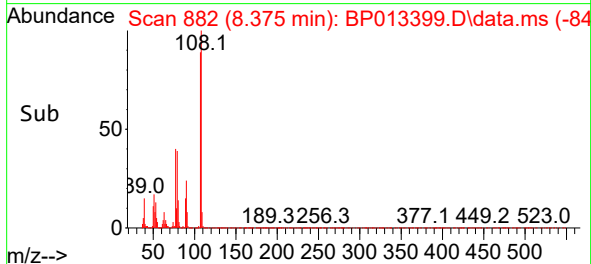
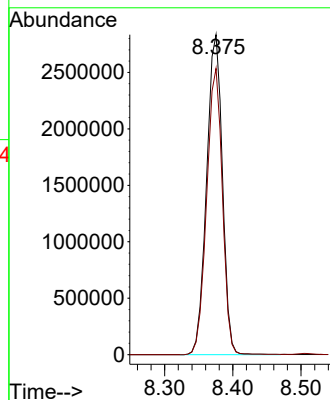
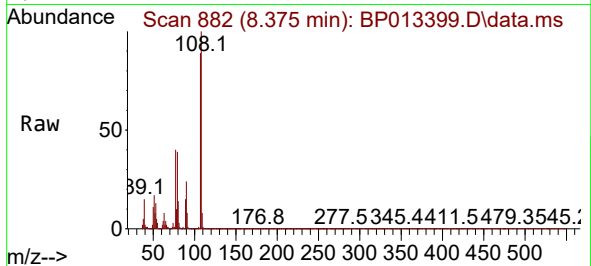




#13
2-Methylphenol
Concen: 165.272 ng/ul
RT: 8.375 min Scan# 880
Delta R.T. 0.012 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

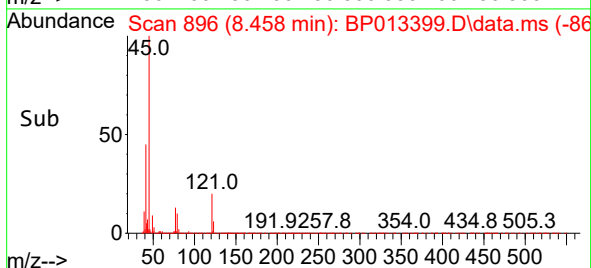
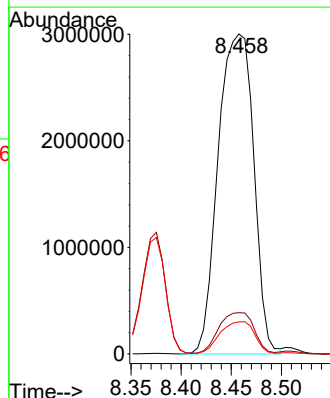
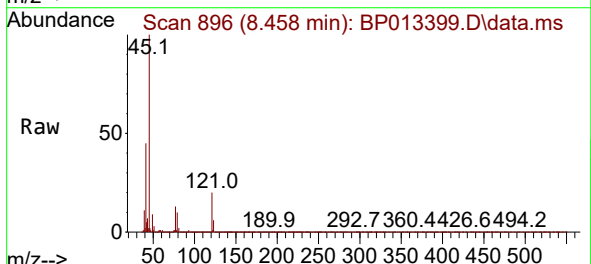
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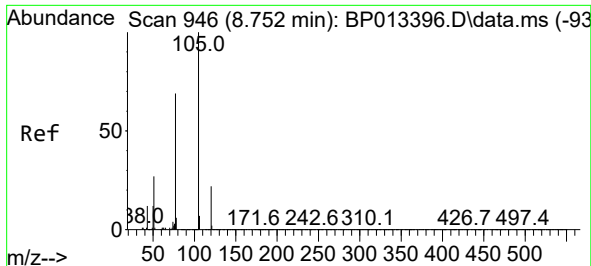
Tgt Ion:108 Resp: 4569898
Ion Ratio Lower Upper
108 100
107 89.4 69.4 104.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 185.260 ng/ul
RT: 8.458 min Scan# 896
Delta R.T. 0.012 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion: 45 Resp: 7400250
Ion Ratio Lower Upper
45 100
77 12.9 10.1 15.1
79 10.0 7.0 10.4

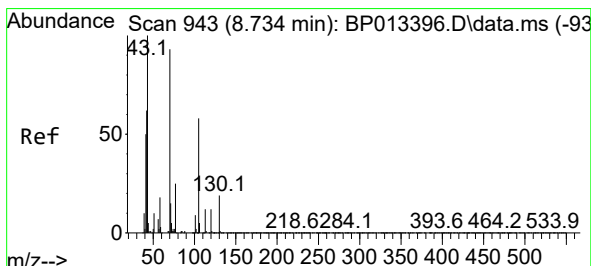
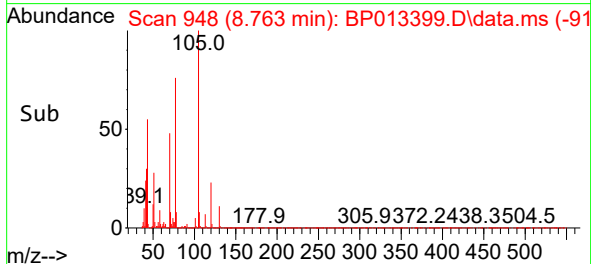
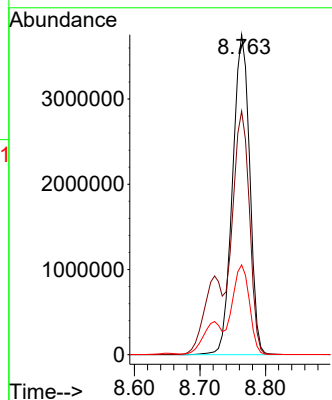
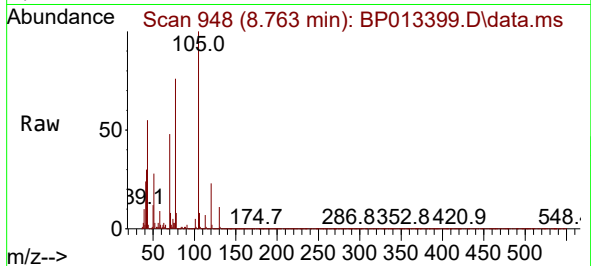




#16
Acetophenone
Concen: 154.477 ng/ul
RT: 8.763 min Scan# 948
Delta R.T. 0.012 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

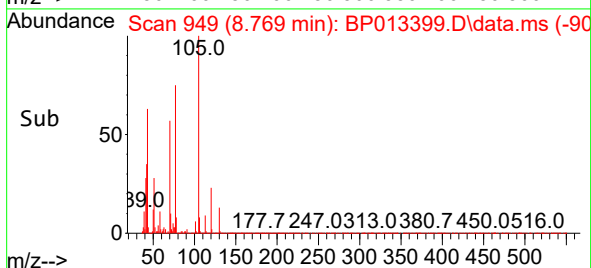
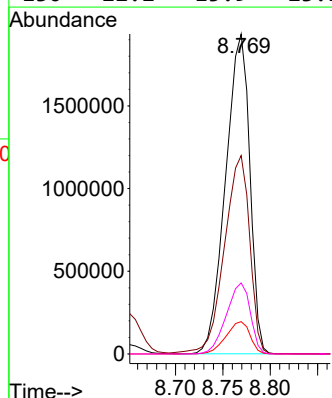
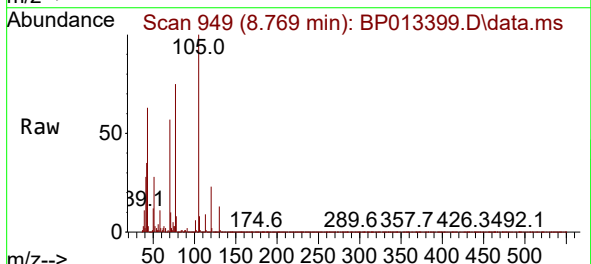
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ClientSampleId :
SSTD160601

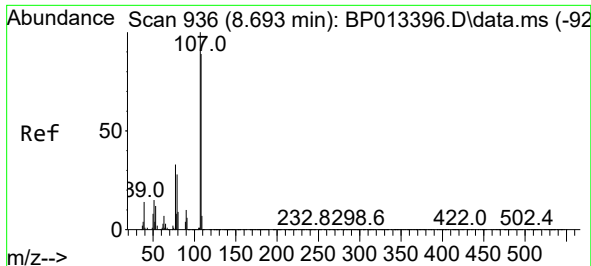
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Ion Ratio Lower Upper
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77 76.1 62.5 93.7
51 28.0 24.7 37.1



#17
N-Nitroso-di-n-propylamine
Concen: 154.848 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. 0.035 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion: 70 Resp: 3431652
Ion Ratio Lower Upper
70 100
42 62.0 53.6 80.4
101 10.1 8.0 12.0
130 22.2 15.9 23.9

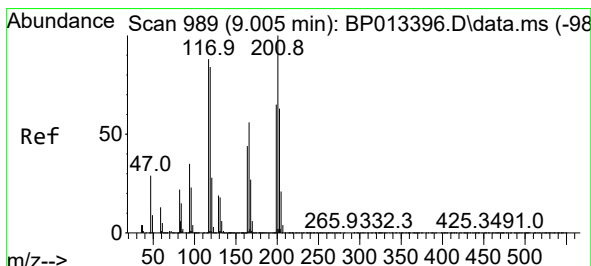
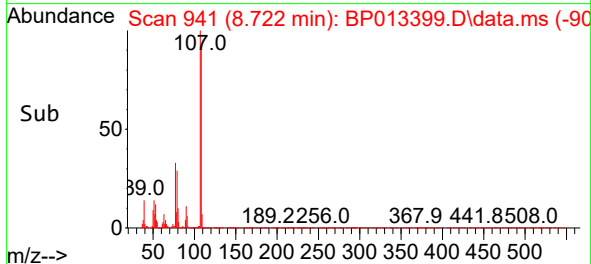
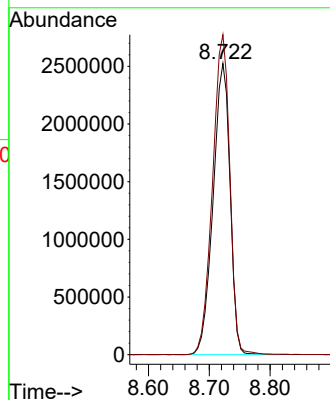
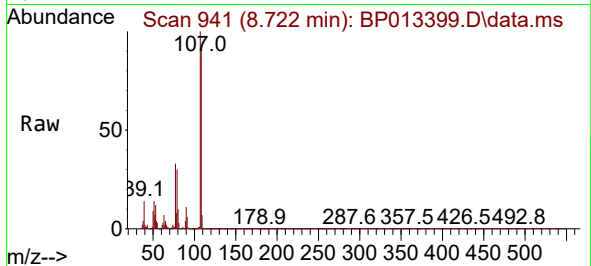




#18
4-Methylphenol
Concen: 159.025 ng/ul
RT: 8.722 min Scan# 941
Delta R.T. 0.029 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

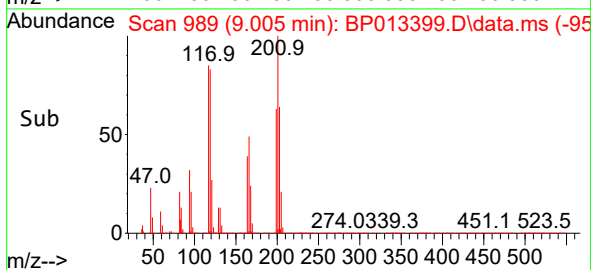
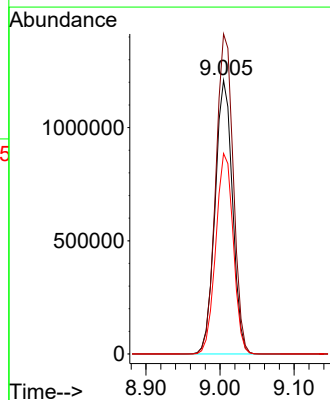
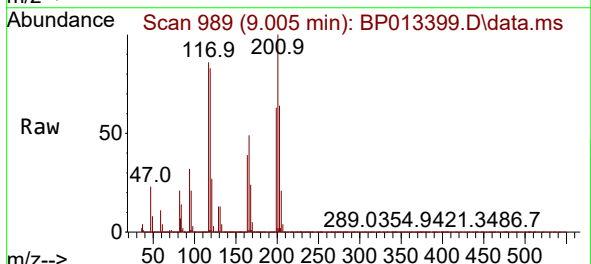
Instrument :
BNA_P
ClientSampleId :
SSTD160601

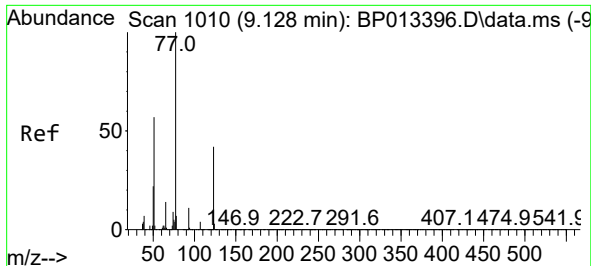
Tgt Ion:108 Resp: 4870432
Ion Ratio Lower Upper
108 100
107 109.9 89.5 134.3



#19
Hexachloroethane
Concen: 174.227 ng/ul
RT: 9.005 min Scan# 989
Delta R.T. -0.000 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion:117 Resp: 1971548
Ion Ratio Lower Upper
117 100
201 116.9 90.6 136.0
199 73.3 58.7 88.1

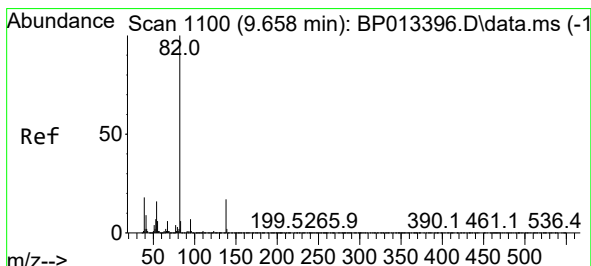
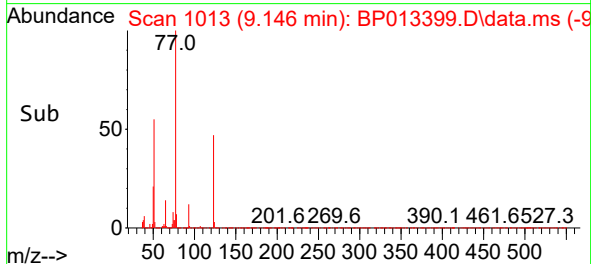
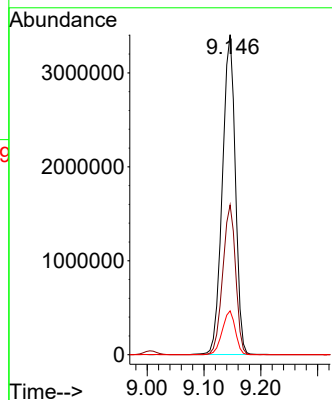
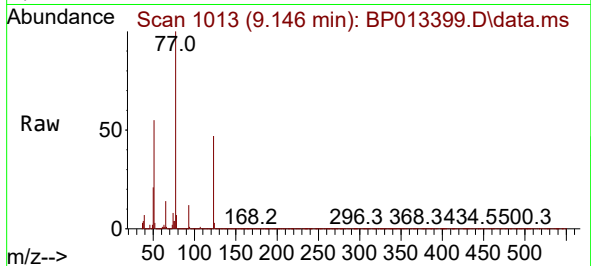




#22
Nitrobenzene
Concen: 182.228 ng/ul
RT: 9.146 min Scan# 1105
Delta R.T. 0.018 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

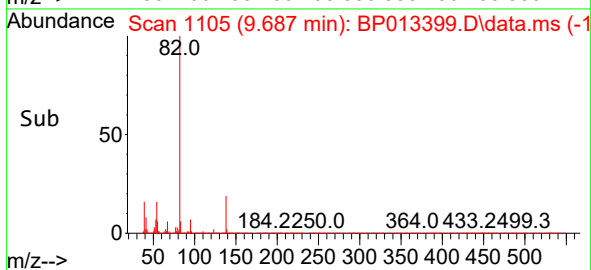
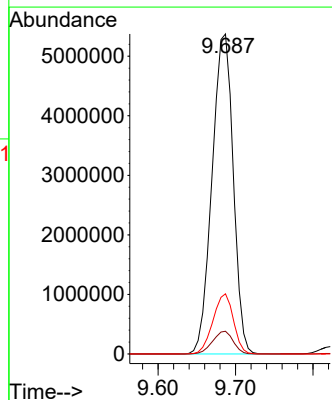
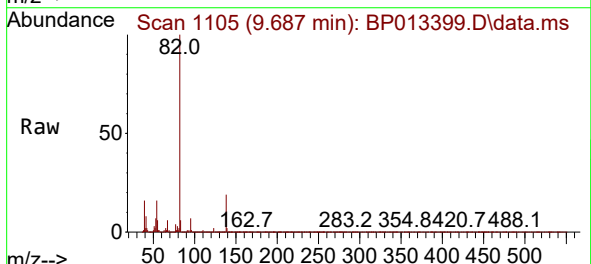
Instrument :
BNA_P
ClientSampleId :
SSTD160601

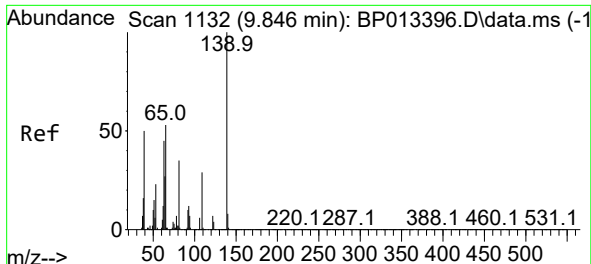
Tgt Ion: 77 Resp: 5427340
Ion Ratio Lower Upper
77 100
123 46.8 33.7 50.5
65 13.7 11.0 16.4



#23
Isophorone
Concen: 169.421 ng/ul
RT: 9.687 min Scan# 1105
Delta R.T. 0.029 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion: 82 Resp:10203063
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 18.8 13.8 20.6

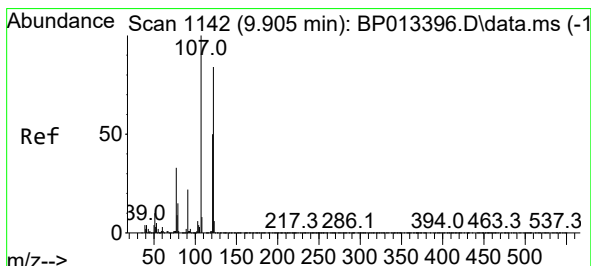
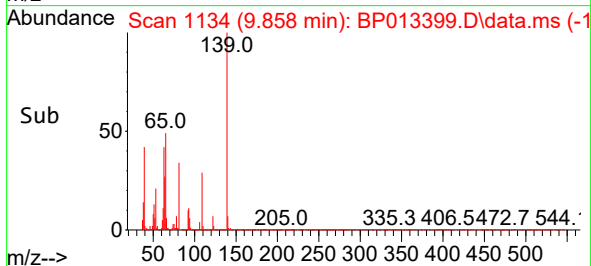
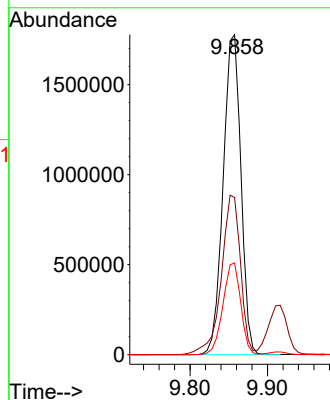
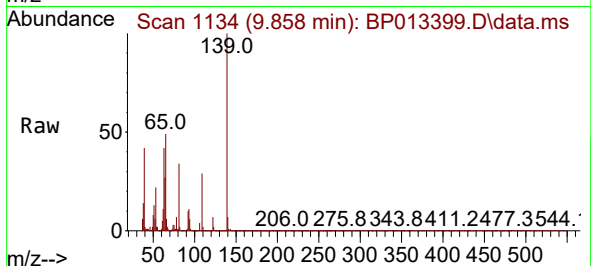




#25
2-Nitrophenol
Concen: 182.968 ng/ul
RT: 9.858 min Scan# 1134
Delta R.T. 0.012 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

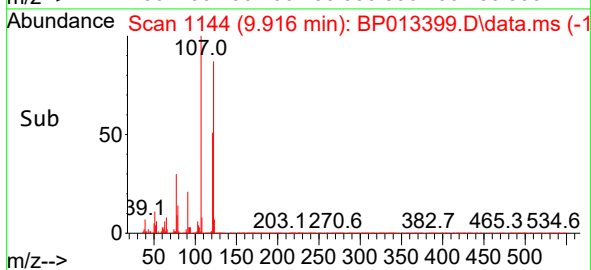
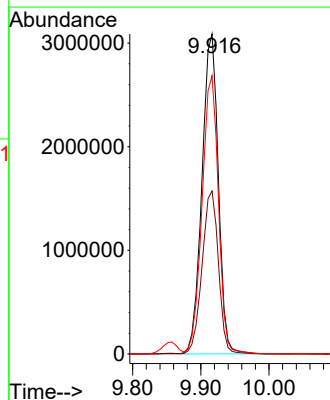
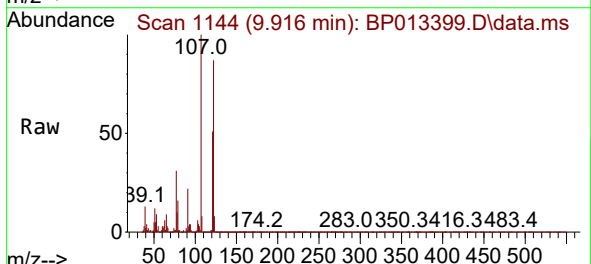
Instrument :
BNA_P
ClientSampleId :
SSTD160601

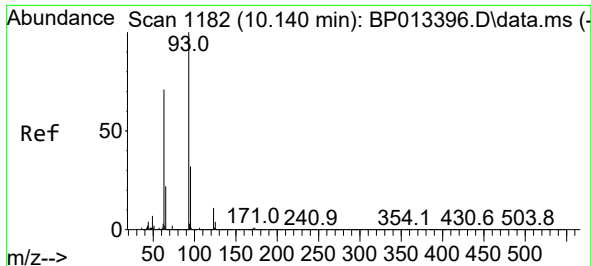
Tgt Ion:139 Resp: 2832790
Ion Ratio Lower Upper
139 100
65 49.1 43.0 64.6
109 28.6 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 170.456 ng/ul
RT: 9.916 min Scan# 1144
Delta R.T. 0.012 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion:107 Resp: 5149210
Ion Ratio Lower Upper
107 100
121 51.0 39.9 59.9
122 87.0 68.3 102.5

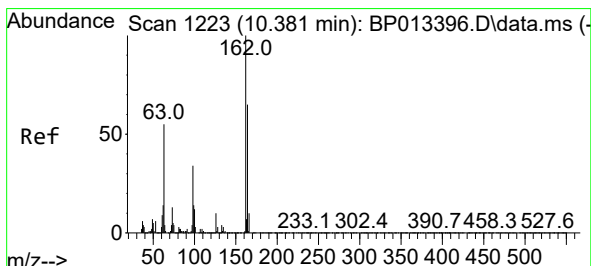
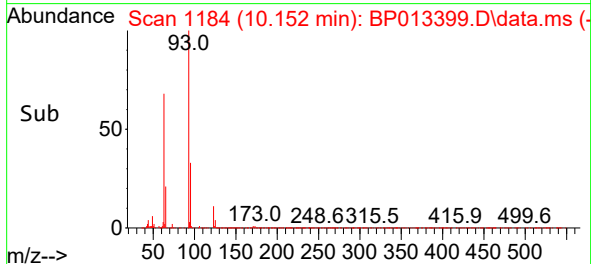
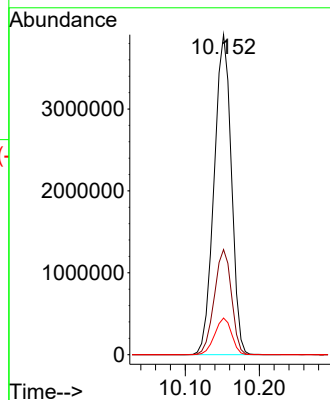
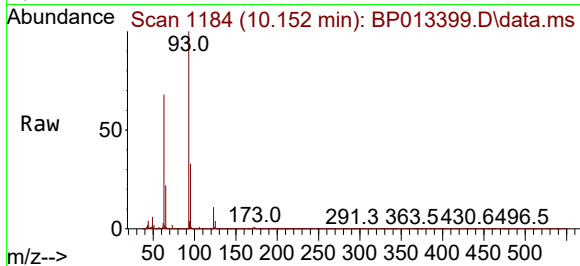




#27
Bis(2-Chloroethoxy)methane
Concen: 163.906 ng/ul
RT: 10.152 min Scan# 1184
Delta R.T. 0.012 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

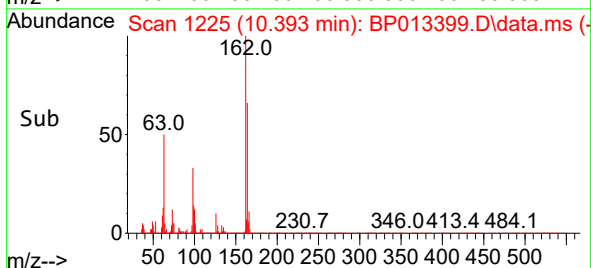
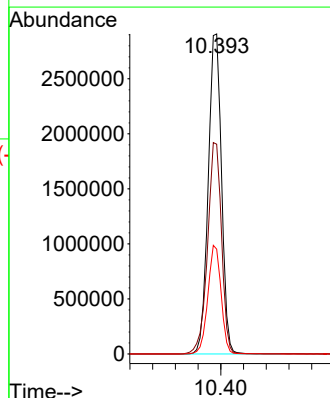
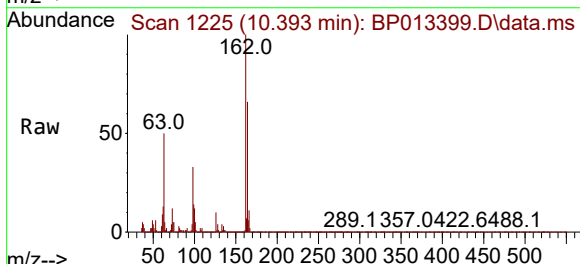
Instrument :
BNA_P
ClientSampleId :
SSTD160601

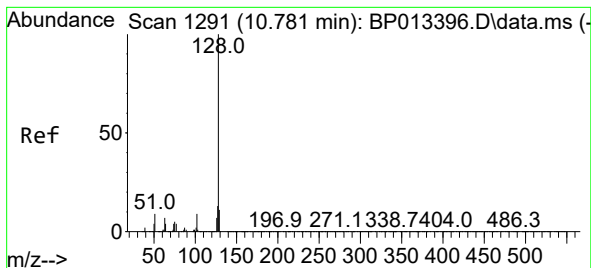
Tgt Ion: 93 Resp: 6311571
Ion Ratio Lower Upper
93 100
95 32.8 25.3 37.9
123 11.4 8.4 12.6



#29
2,4-Dichlorophenol
Concen: 172.833 ng/ul
RT: 10.393 min Scan# 1225
Delta R.T. 0.012 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion:162 Resp: 4698892
Ion Ratio Lower Upper
162 100
164 65.6 51.9 77.9
98 32.8 27.1 40.7

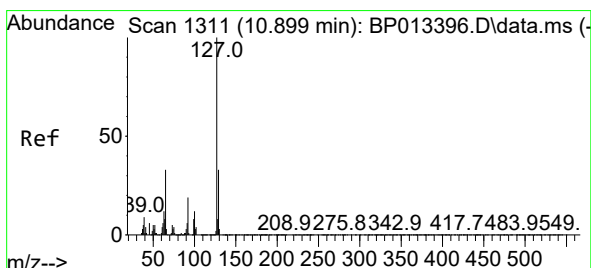
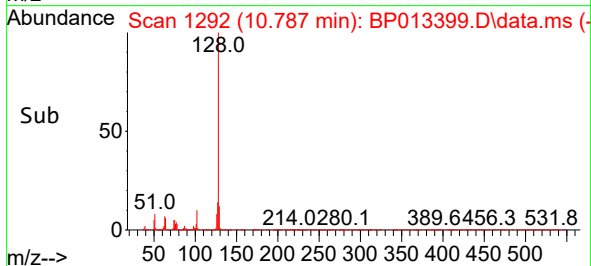
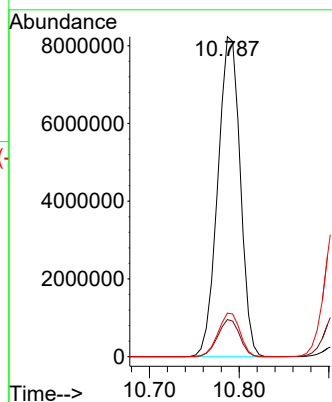
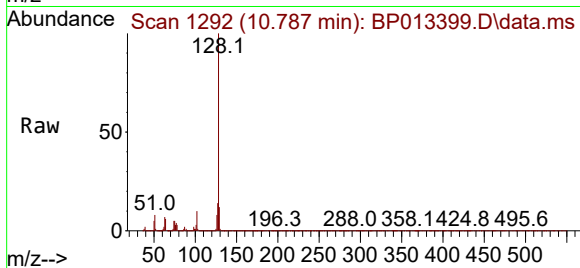




#30
Naphthalene
Concen: 158.066 ng/ul
RT: 10.787 min Scan# 1291
Delta R.T. 0.006 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

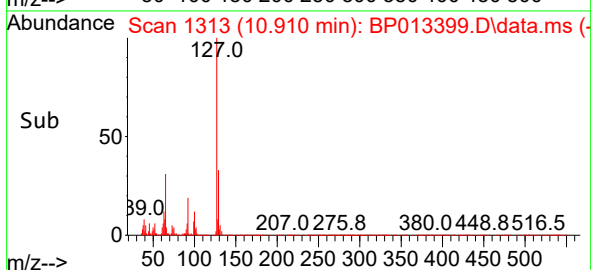
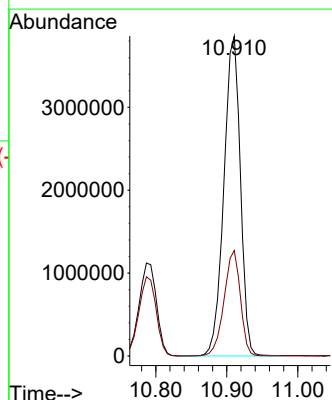
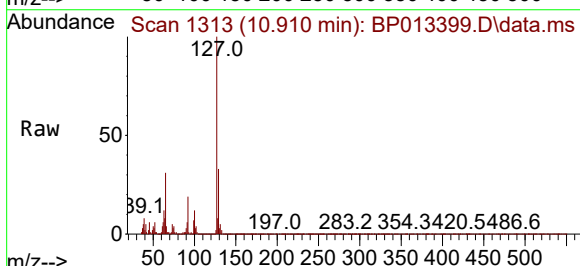
Instrument :
BNA_P
ClientSampleId :
SSTD160601

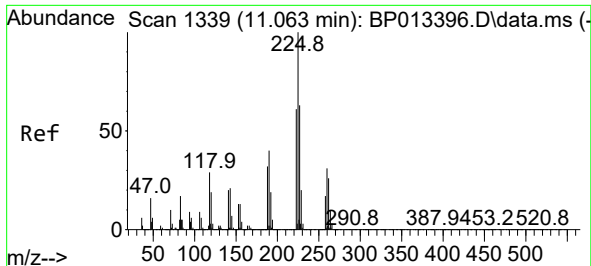
Tgt Ion:128 Resp:14280578
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.6 10.1 15.1



#32
4-Chloroaniline
Concen: 160.160 ng/ul
RT: 10.910 min Scan# 1313
Delta R.T. 0.012 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion:127 Resp: 6209940
Ion Ratio Lower Upper
127 100
129 33.0 26.1 39.1

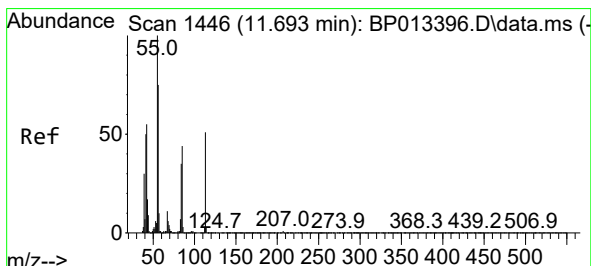
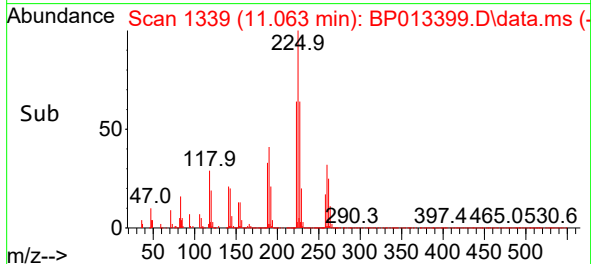
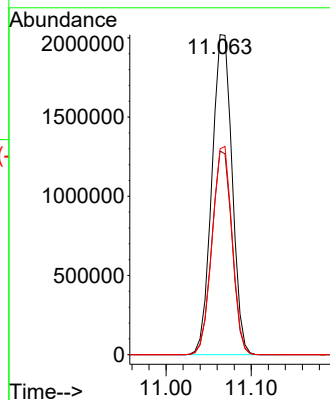
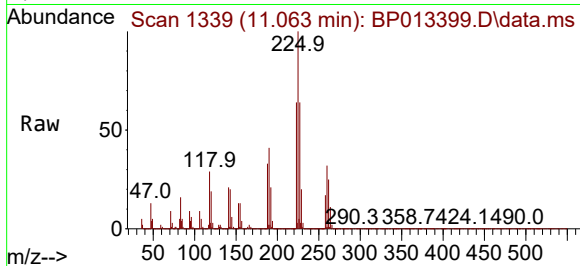




#33
Hexachlorobutadiene
Concen: 178.141 ng/ul
RT: 11.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

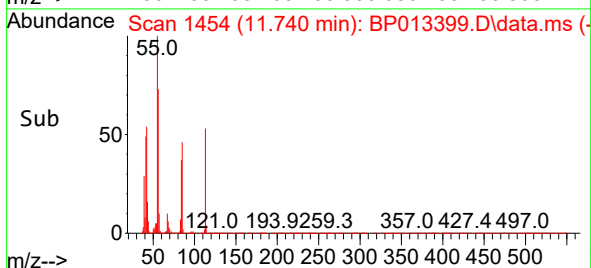
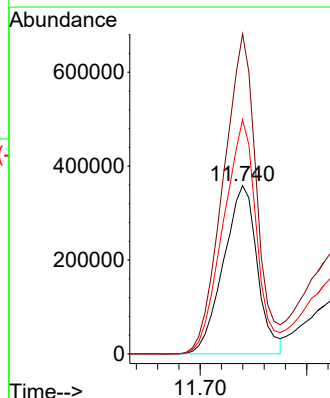
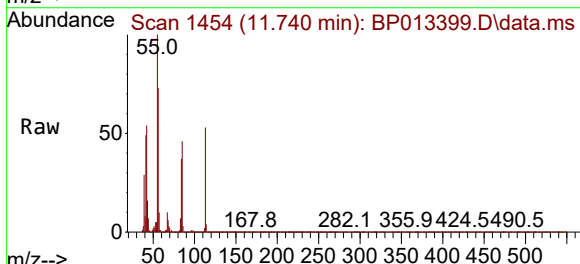
Instrument :
BNA_P
ClientSampleId :
SSTD160601

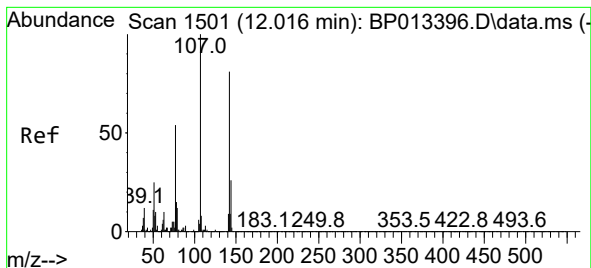
Tgt Ion:225 Resp: 3325380
Ion Ratio Lower Upper
225 100
223 63.7 48.8 73.2
227 64.3 50.6 76.0



#34
Caprolactam
Concen: 85.127 ng/ul
RT: 11.740 min Scan# 1454
Delta R.T. 0.047 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion:113 Resp: 789137
Ion Ratio Lower Upper
113 100
55 190.0 156.4 234.6
56 139.1 117.1 175.7

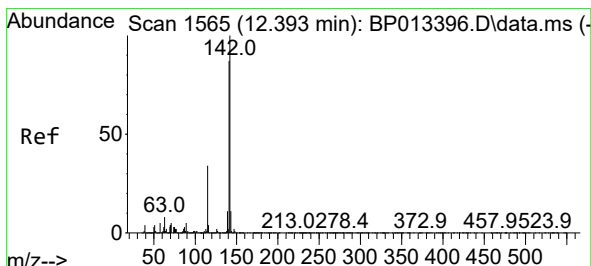
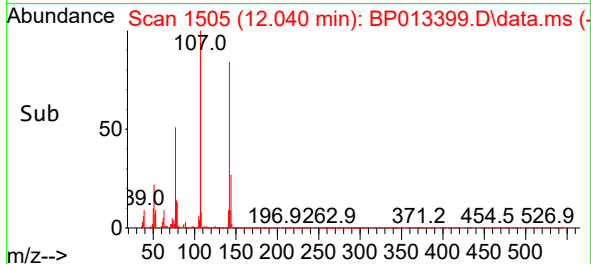
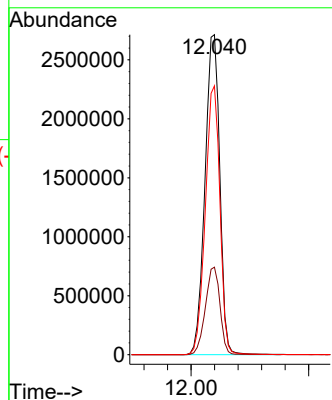
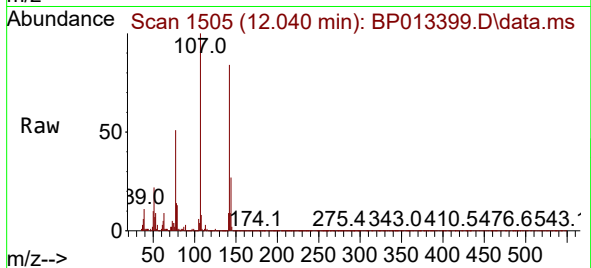




#35
4-Chloro-3-methylphenol
Concen: 170.602 ng/ul
RT: 12.040 min Scan# 1501
Delta R.T. 0.024 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

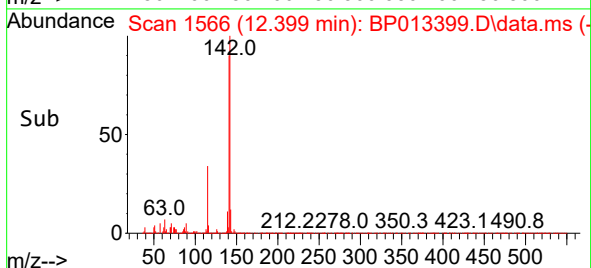
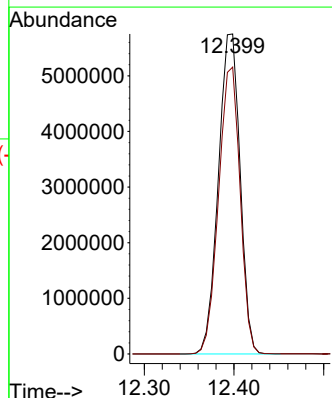
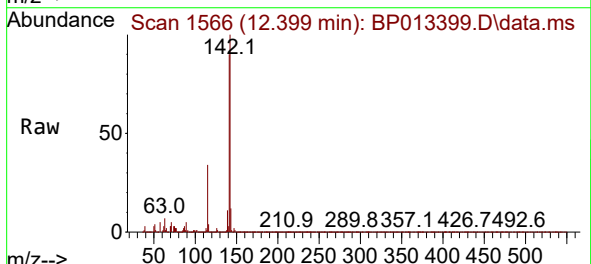
Instrument :
BNA_P
ClientSampleId :
SSTD160601

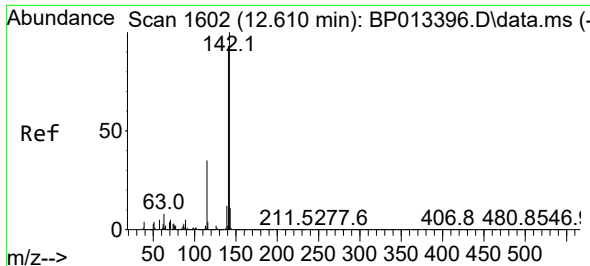
Tgt Ion:107 Resp: 4733434
Ion Ratio Lower Upper
107 100
144 27.3 21.0 31.6
142 84.0 64.8 97.2



#36
2-Methylnaphthalene
Concen: 156.208 ng/ul
RT: 12.399 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion:142 Resp: 9681702
Ion Ratio Lower Upper
142 100
141 89.7 69.7 104.5

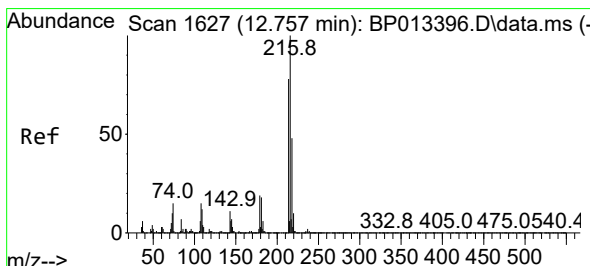
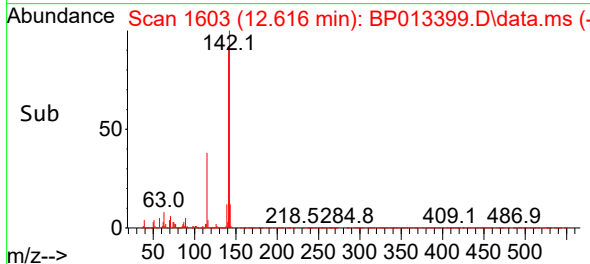
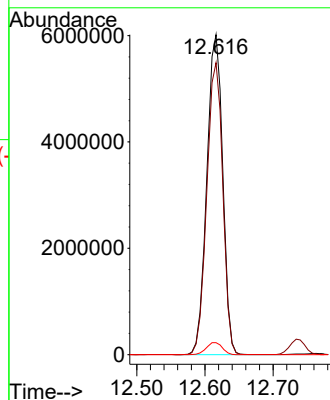
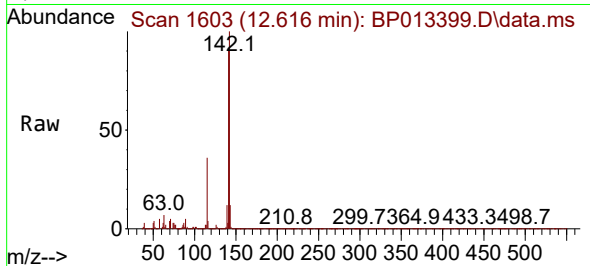




#37
1-Methylnaphthalene
Concen: 153.152 ng/ul
RT: 12.616 min Scan# 1603
Delta R.T. 0.006 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

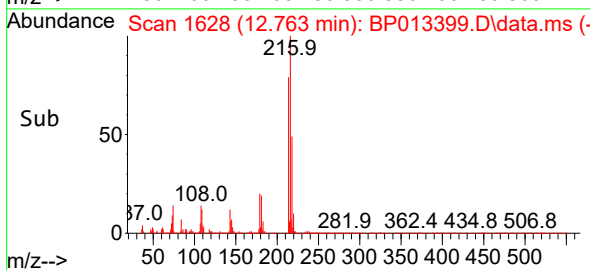
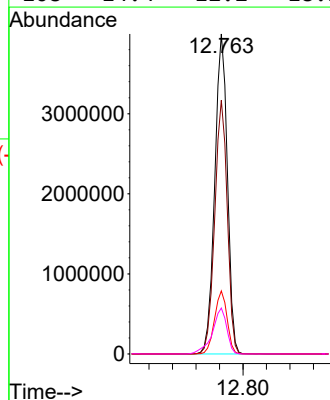
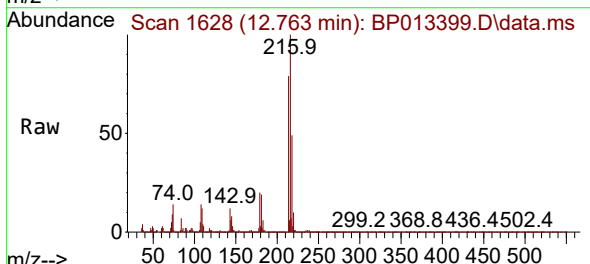
Instrument :
BNA_P
ClientSampleId :
SSTD160601

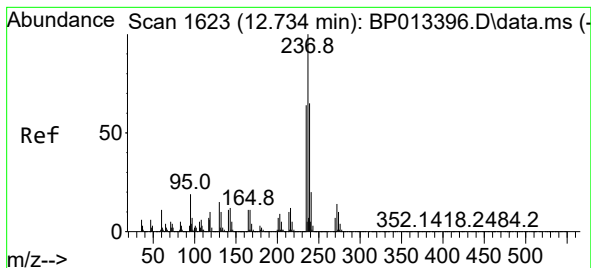
Tgt Ion:142 Resp: 9761885
Ion Ratio Lower Upper
142 100
141 91.2 74.2 111.4
116 3.8 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 171.487 ng/ul
RT: 12.763 min Scan# 1628
Delta R.T. 0.006 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion:216 Resp: 5946092
Ion Ratio Lower Upper
216 100
214 79.3 62.8 94.2
179 19.7 15.1 22.7
108 14.4 12.2 18.2





#40

Hexachlorocyclopentadiene

Concen: 195.786 ng/ul

RT: 12.740 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD160601

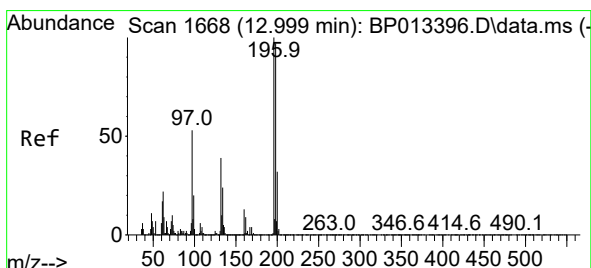
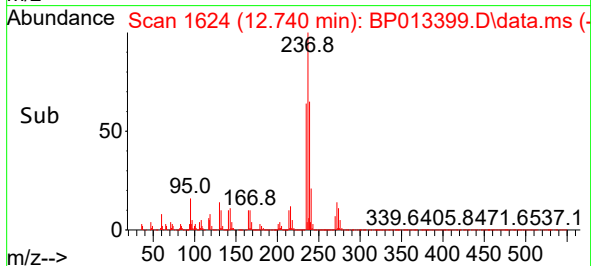
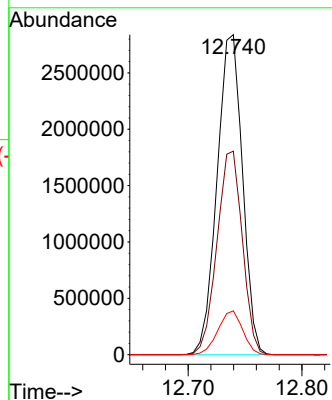
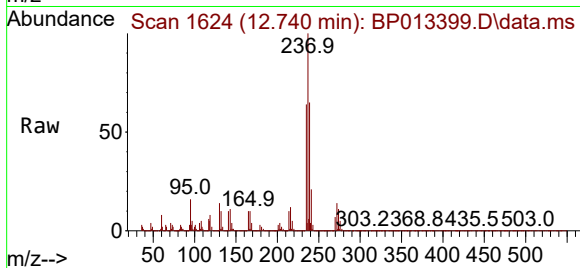
Tgt Ion:237 Resp: 4417697

Ion Ratio Lower Upper

237 100

235 63.6 50.8 76.2

272 13.7 11.5 17.3



#41

2,4,6-Trichlorophenol

Concen: 178.964 ng/ul

RT: 13.004 min Scan# 1669

Delta R.T. 0.006 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

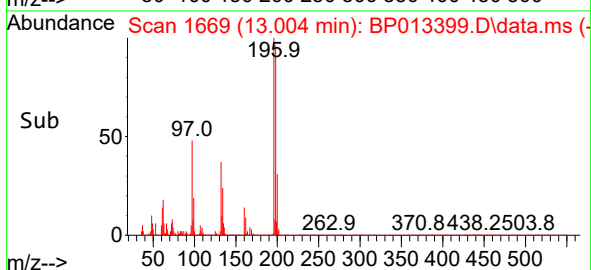
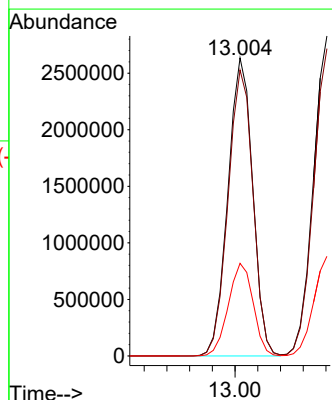
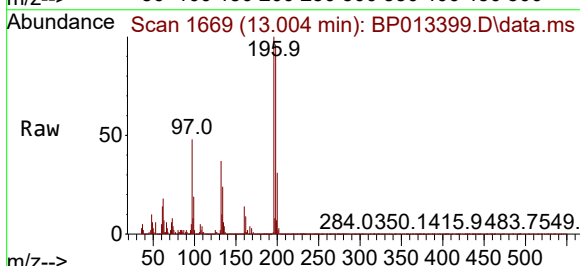
Tgt Ion:196 Resp: 3987980

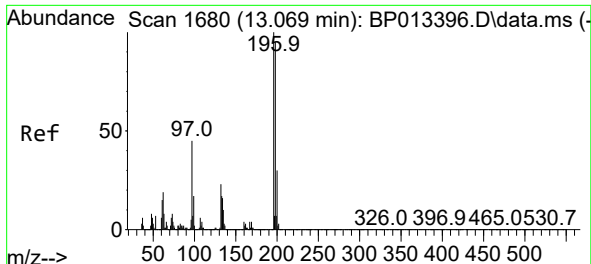
Ion Ratio Lower Upper

196 100

198 95.9 77.9 116.9

200 31.0 25.6 38.4

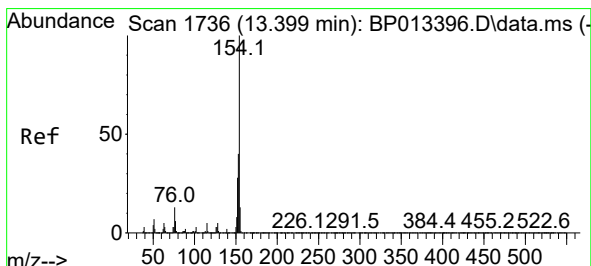
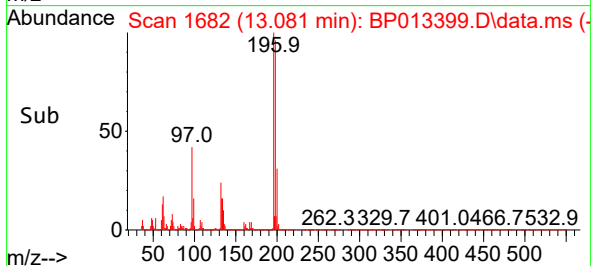
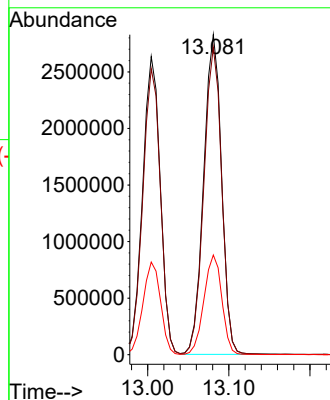
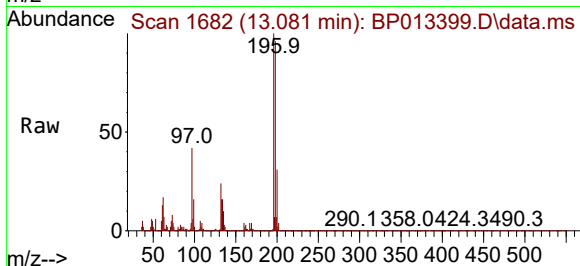




#42
2,4,5-Trichlorophenol
Concen: 180.333 ng/ul
RT: 13.081 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

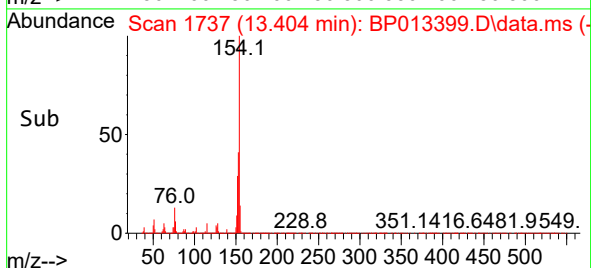
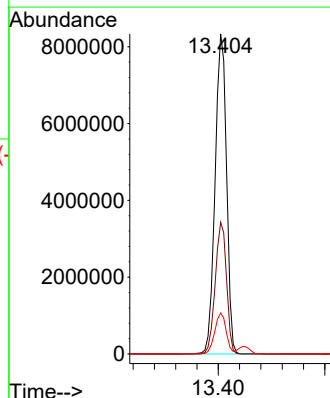
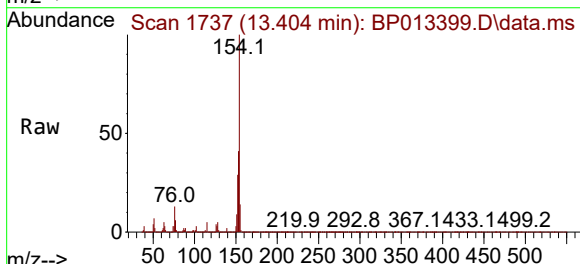
Instrument :
BNA_P
ClientSampleId :
SSTD160601

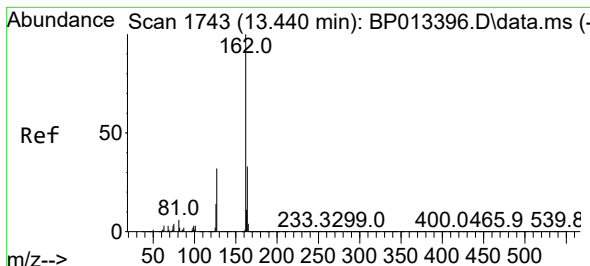
Tgt Ion:196 Resp: 4316453
Ion Ratio Lower Upper
196 100
198 96.1 76.0 114.0
200 31.1 24.4 36.6



#43
1,1'-Biphenyl
Concen: 153.219 ng/ul
RT: 13.404 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion:154 Resp:12391273
Ion Ratio Lower Upper
154 100
153 41.1 31.9 47.9
76 12.8 10.3 15.5





#44

2-Chloronaphthalene

Concen: 160.252 ng/ul

RT: 13.451 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD160601

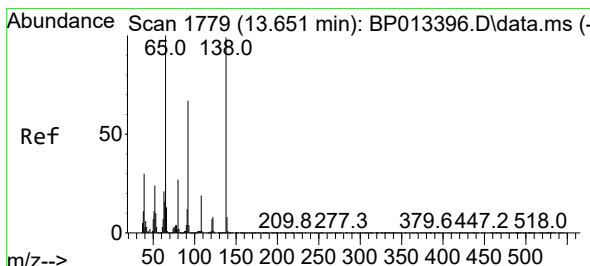
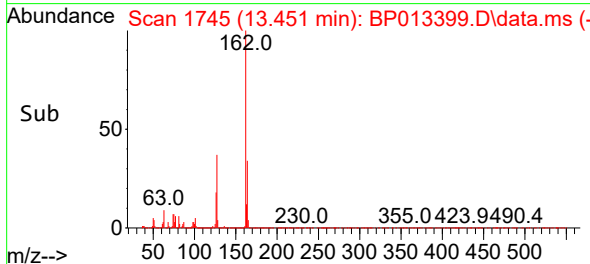
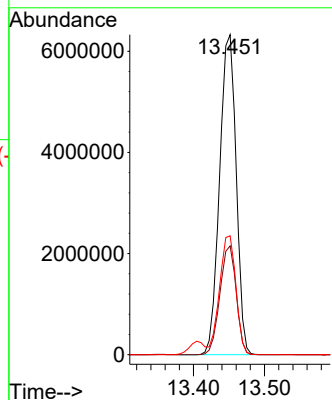
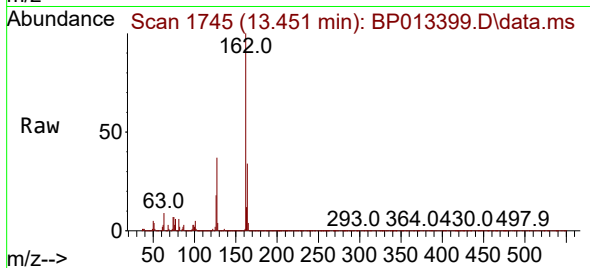
Tgt Ion:162 Resp:10200092

Ion Ratio Lower Upper

162 100

164 34.0 26.4 39.6

127 37.2 28.9 43.3



#45

2-Nitroaniline

Concen: 205.135 ng/ul

RT: 13.663 min Scan# 1781

Delta R.T. 0.012 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

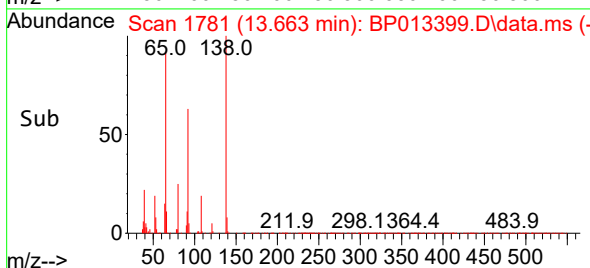
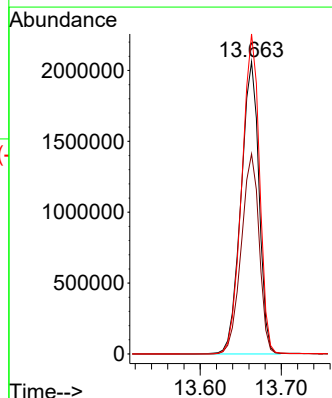
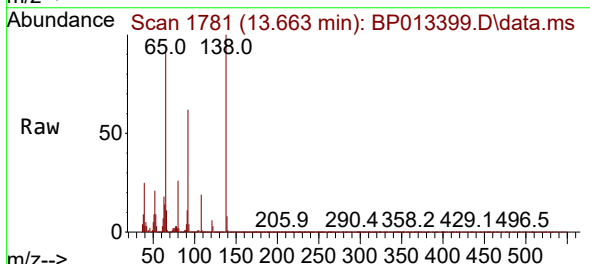
Tgt Ion: 65 Resp: 3165675

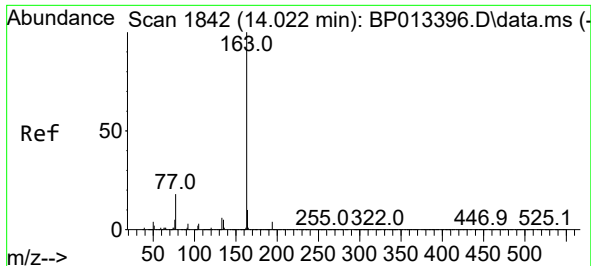
Ion Ratio Lower Upper

65 100

92 68.4 53.5 80.3

138 109.5 79.4 119.0

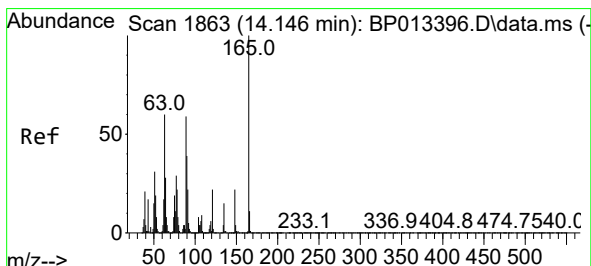
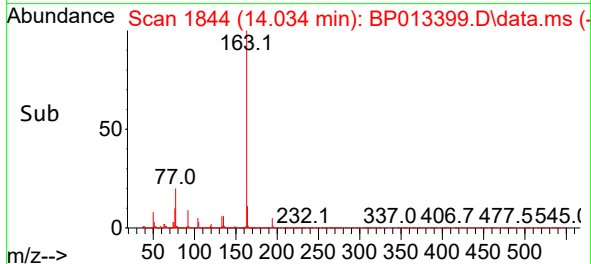
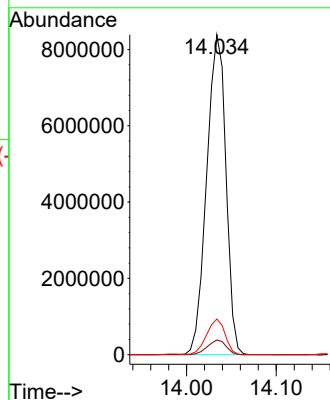
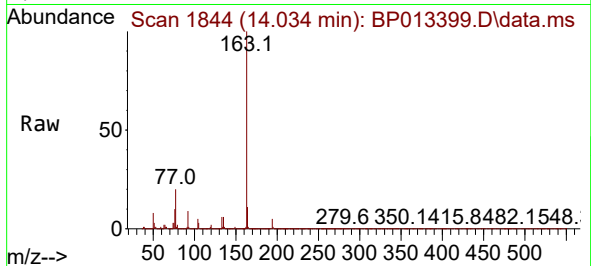




#47
Dimethylphthalate
Concen: 152.348 ng/ul
RT: 14.034 min Scan# 1844
Delta R.T. 0.012 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

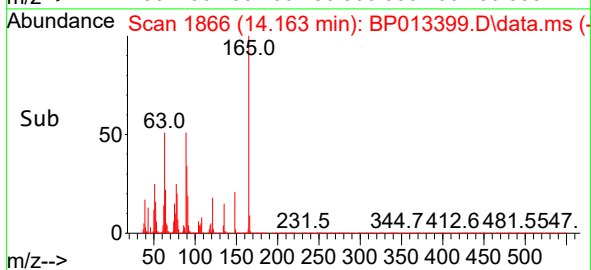
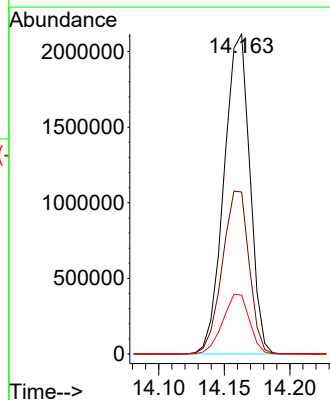
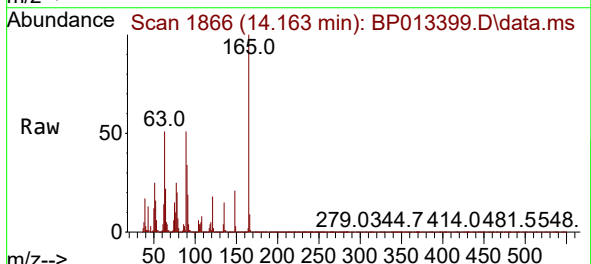
Instrument :
BNA_P
ClientSampleId :
SSTD160601

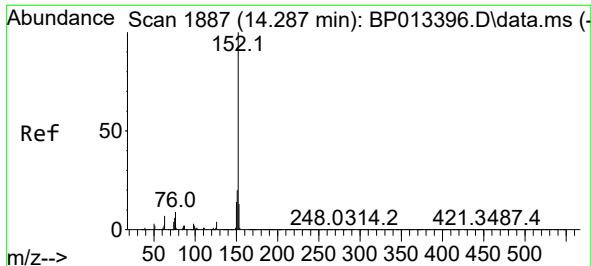
Tgt Ion:163 Resp:12496293
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 11.1 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 190.548 ng/ul
RT: 14.163 min Scan# 1866
Delta R.T. 0.018 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion:165 Resp: 2904642
Ion Ratio Lower Upper
165 100
89 50.6 47.1 70.7
121 18.4 17.3 25.9

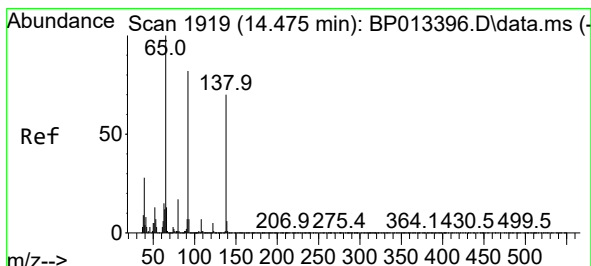
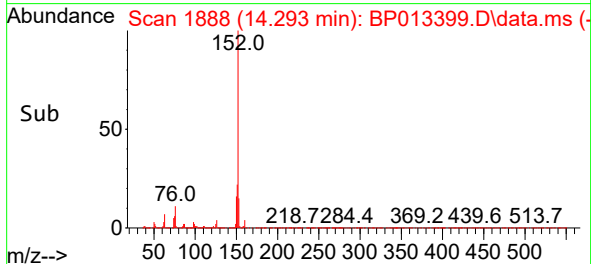
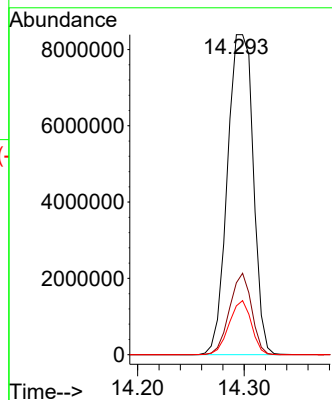
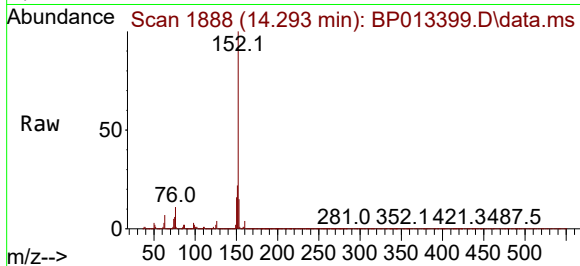




#50
Acenaphthylene
Concen: 144.180 ng/ul
RT: 14.293 min Scan# 1888
Delta R.T. 0.006 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

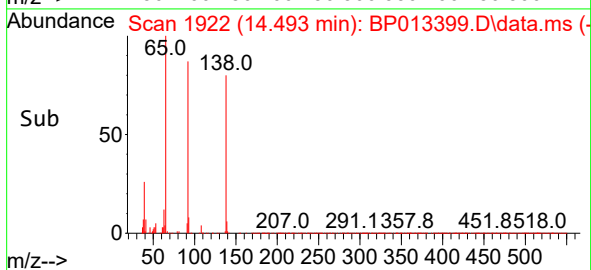
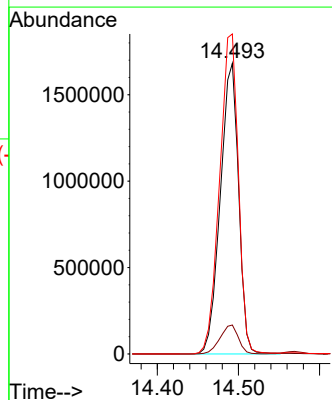
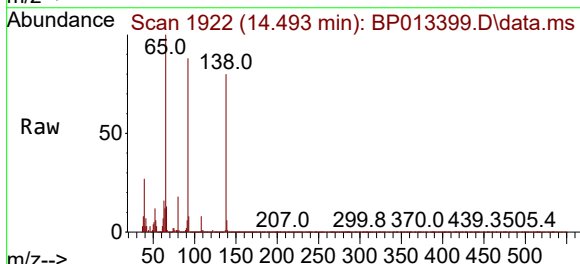
Instrument :
BNA_P
ClientSampleId :
SSTD160601

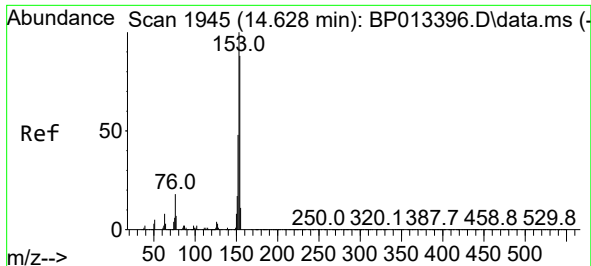
Tgt Ion:152 Resp:14095820
Ion Ratio Lower Upper
152 100
151 22.4 15.8 23.8
153 15.2 10.3 15.5



#51
3-Nitroaniline
Concen: 183.241 ng/ul
RT: 14.493 min Scan# 1922
Delta R.T. 0.018 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion:138 Resp: 2637551
Ion Ratio Lower Upper
138 100
108 9.9 8.6 12.8
92 110.1 95.0 142.4

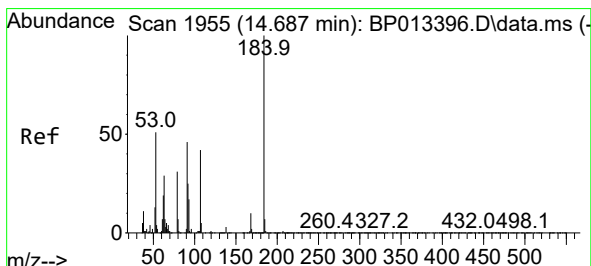
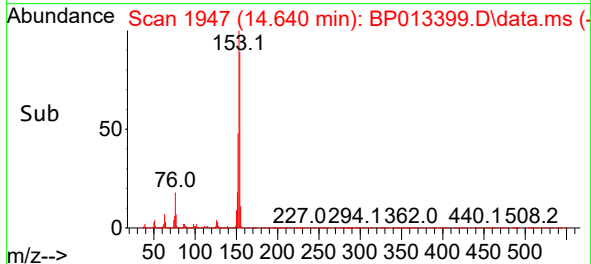
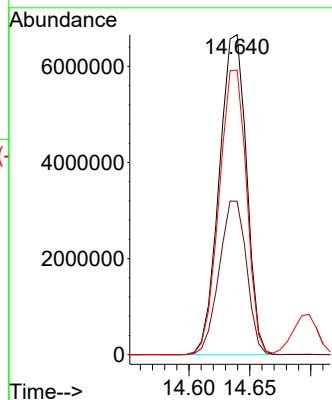
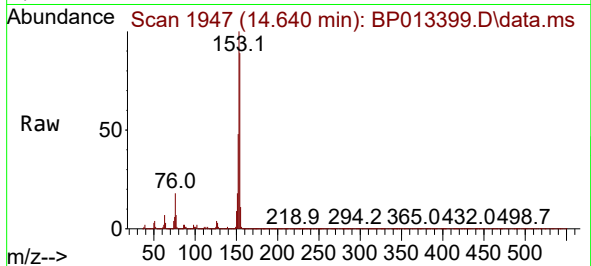




#52
Acenaphthene
Concen: 153.641 ng/ul
RT: 14.640 min Scan# 1947
Delta R.T. 0.012 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

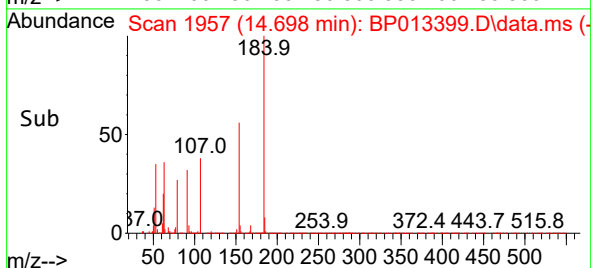
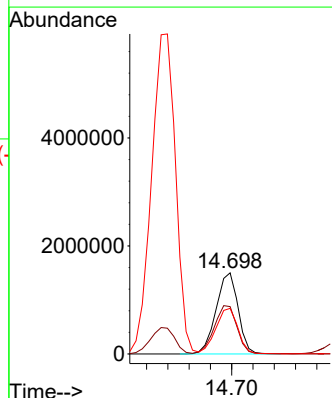
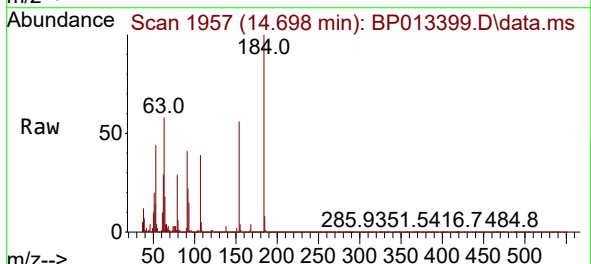
Instrument :
BNA_P
ClientSampleId :
SSTD160601

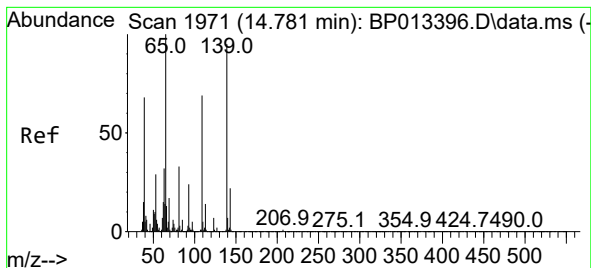
Tgt Ion:153 Resp:10409006
Ion Ratio Lower Upper
153 100
152 47.9 38.4 57.6
154 89.0 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 206.535 ng/ul
RT: 14.698 min Scan# 1957
Delta R.T. 0.012 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion:184 Resp: 2152053
Ion Ratio Lower Upper
184 100
63 58.4 54.3 81.5
154 56.2 49.1 73.7

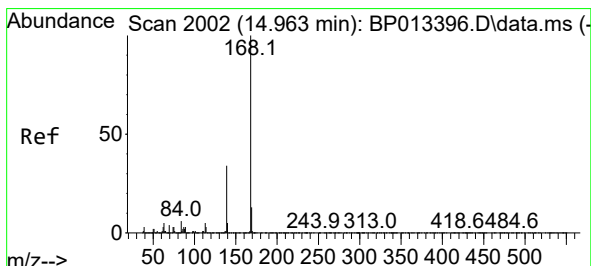
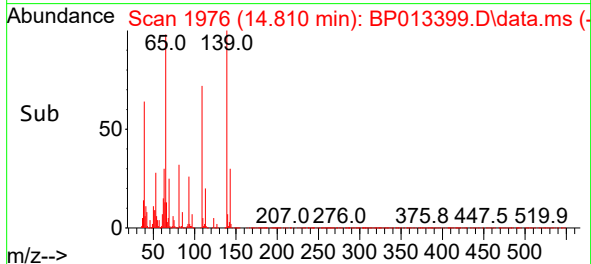
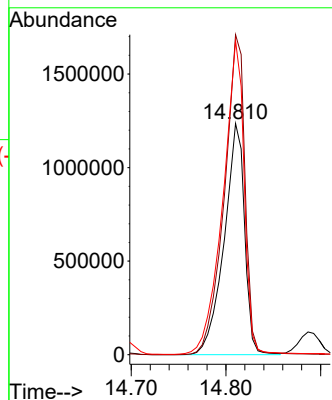
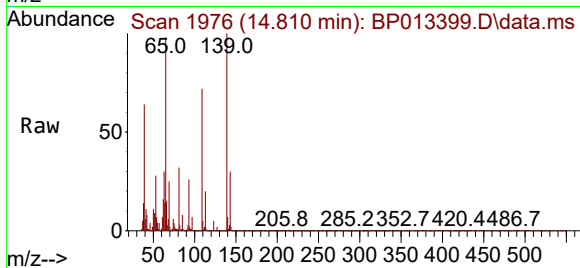




#55
4-Nitrophenol
Concen: 181.709 ng/ul
RT: 14.810 min Scan# 1976
Delta R.T. 0.029 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

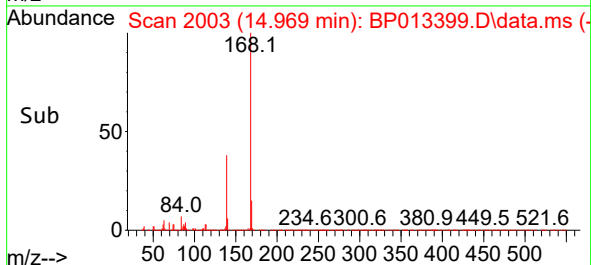
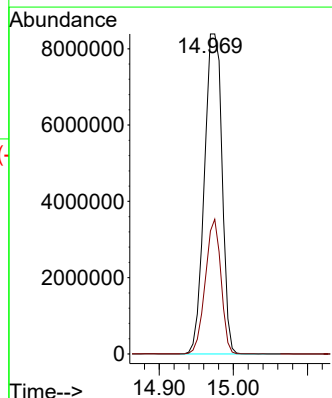
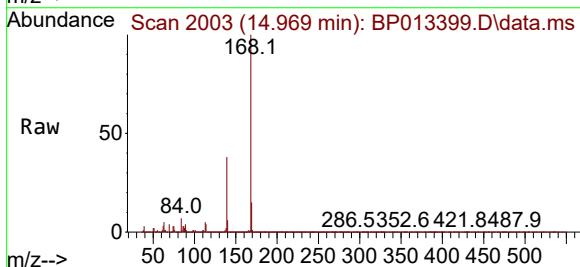
Instrument :
BNA_P
ClientSampleId :
SSTD160601

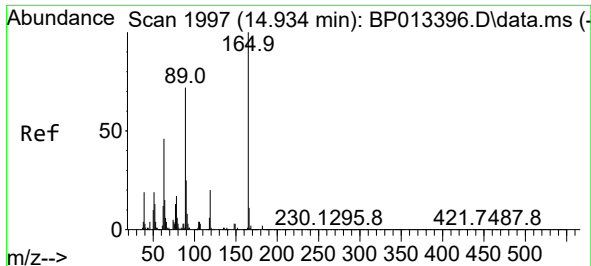
Tgt Ion:109 Resp: 1845711
Ion Ratio Lower Upper
109 100
139 138.4 109.2 163.8
65 135.8 116.6 174.8



#56
Dibenzofuran
Concen: 143.629 ng/ul
RT: 14.969 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion:168 Resp:13835021
Ion Ratio Lower Upper
168 100
139 38.5 27.4 41.2

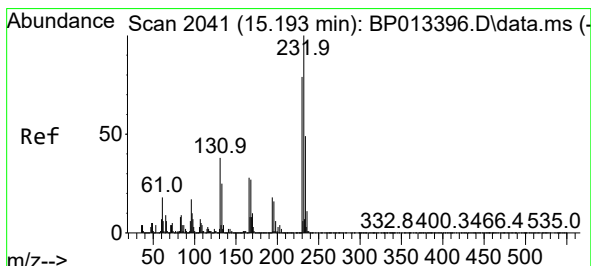
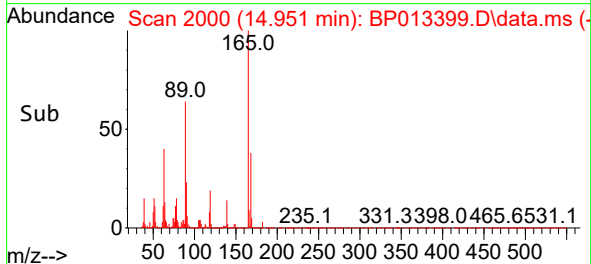
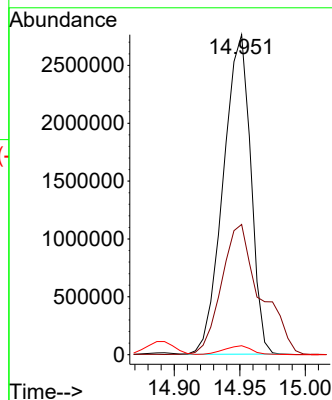
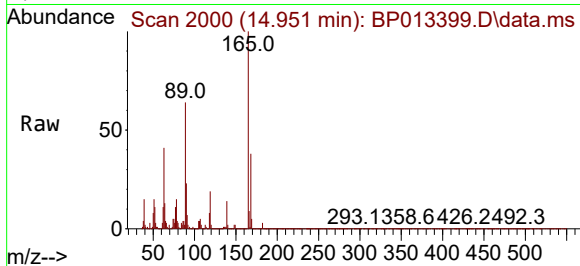




#57
2,4-Dinitrotoluene
Concen: 181.698 ng/ul
RT: 14.951 min Scan# 2000
Delta R.T. 0.018 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

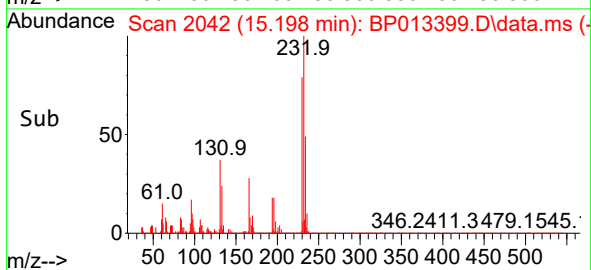
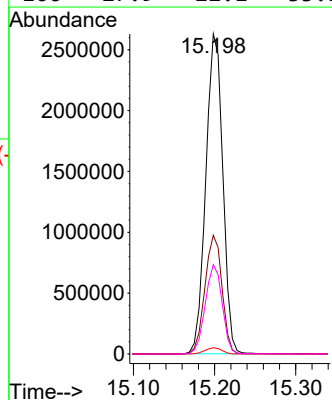
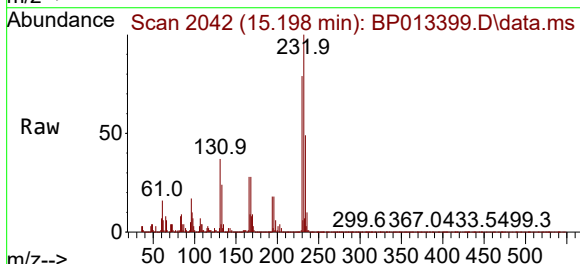
Instrument :
BNA_P
ClientSampleId :
SSTD160601

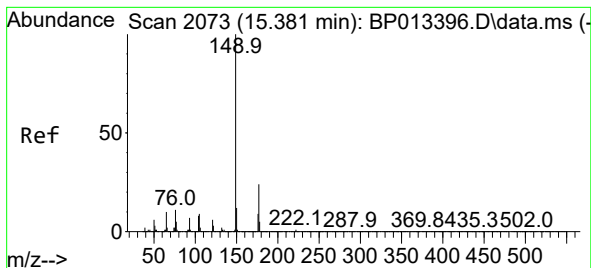
Tgt Ion:165 Resp: 4023239
Ion Ratio Lower Upper
165 100
63 40.7 37.3 55.9
182 2.8 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 174.632 ng/ul
RT: 15.198 min Scan# 2042
Delta R.T. 0.006 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion:232 Resp: 3814613
Ion Ratio Lower Upper
232 100
131 37.1 30.7 46.1
130 1.9 1.7 2.5
166 27.9 22.1 33.1





#59

Diethylphthalate

Concen: 153.495 ng/ul

RT: 15.398 min Scan# 2076

Delta R.T. 0.018 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD160601

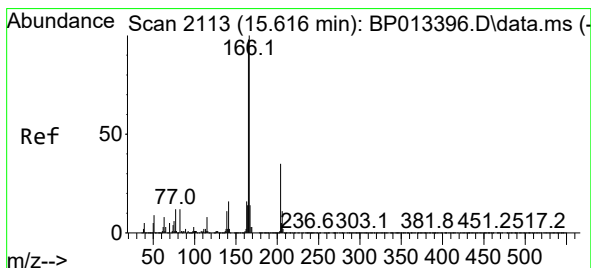
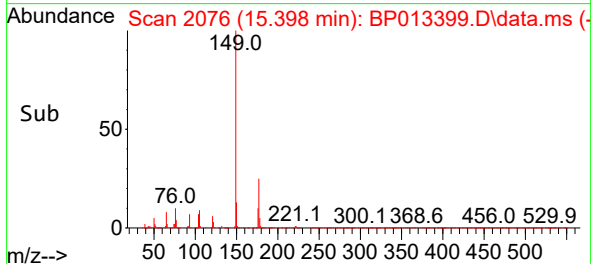
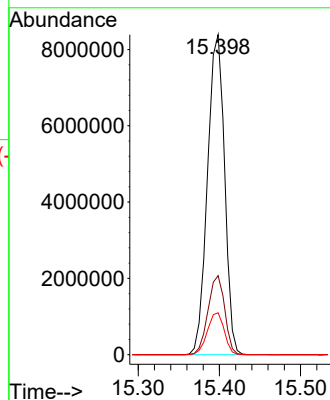
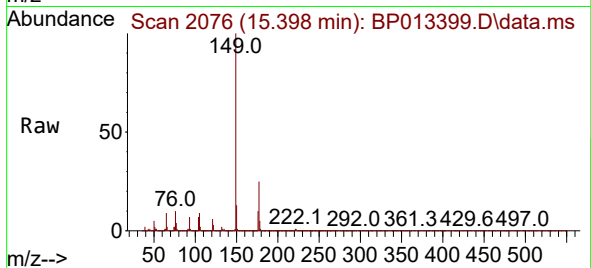
Tgt Ion:149 Resp:12239228

Ion Ratio Lower Upper

149 100

177 24.7 18.9 28.3

150 13.1 9.9 14.9



#61

Fluorene

Concen: 140.721 ng/ul

RT: 15.628 min Scan# 2115

Delta R.T. 0.012 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

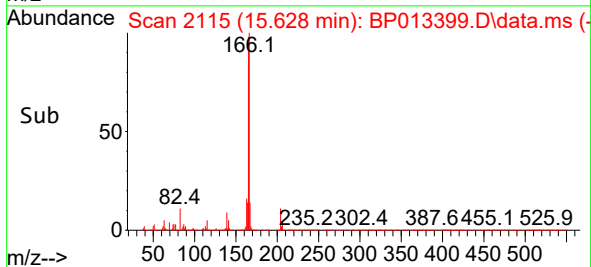
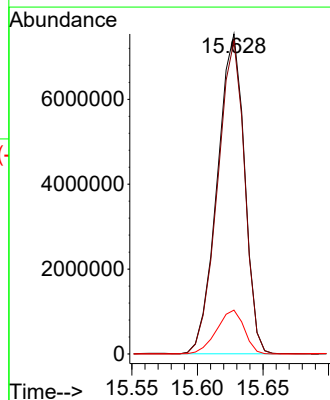
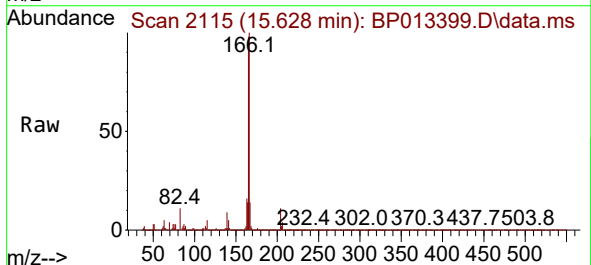
Tgt Ion:166 Resp:10870890

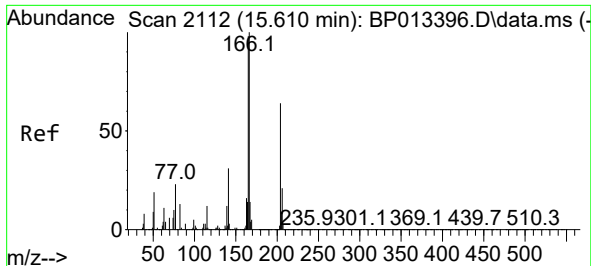
Ion Ratio Lower Upper

166 100

165 97.9 78.0 117.0

167 13.7 10.8 16.2

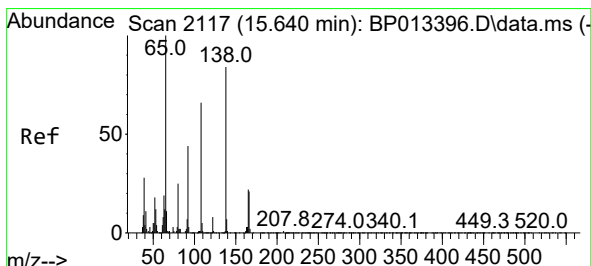
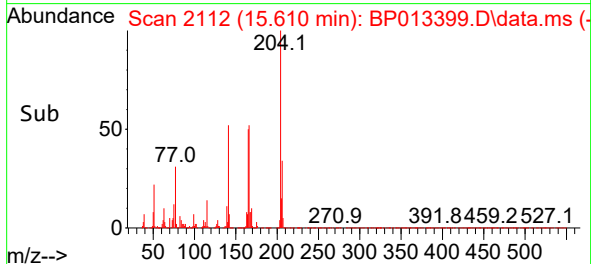
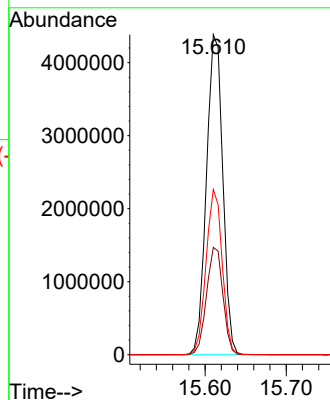
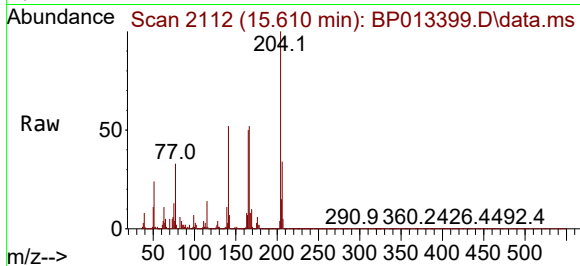




#62
4-Chlorophenyl-phenylether
Concen: 149.619 ng/ul
RT: 15.610 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

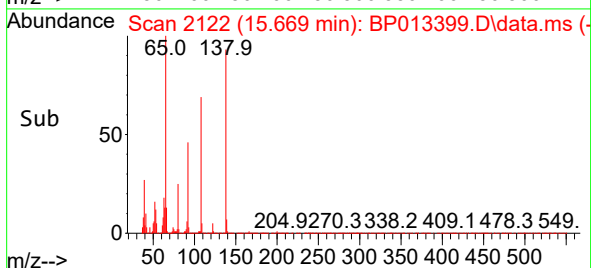
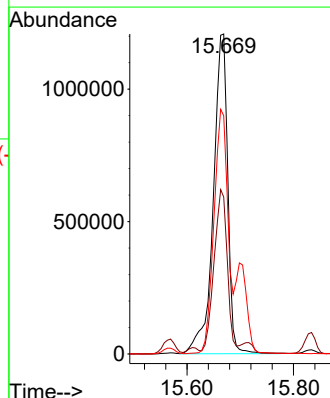
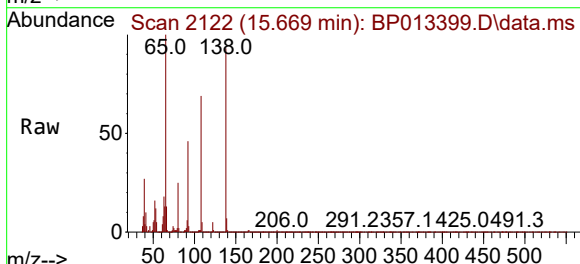
Instrument :
BNA_P
ClientSampleId :
SSTD160601

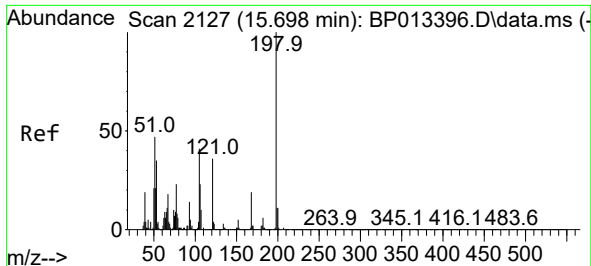
Tgt Ion:204 Resp: 6112331
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 51.6 39.3 58.9



#63
4-Nitroaniline
Concen: 179.822 ng/ul
RT: 15.669 min Scan# 2122
Delta R.T. 0.029 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion:138 Resp: 2277593
Ion Ratio Lower Upper
138 100
92 49.1 43.1 64.7
108 74.4 63.6 95.4

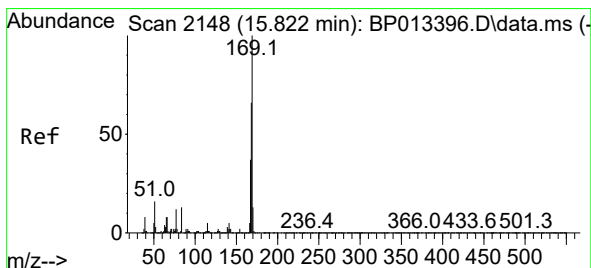
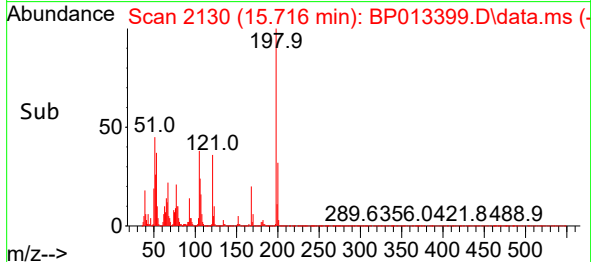
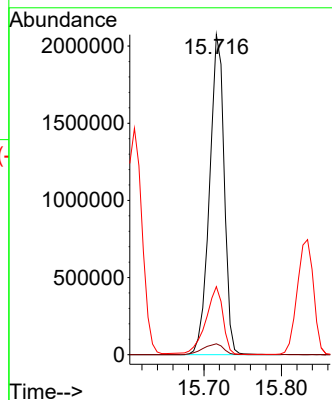
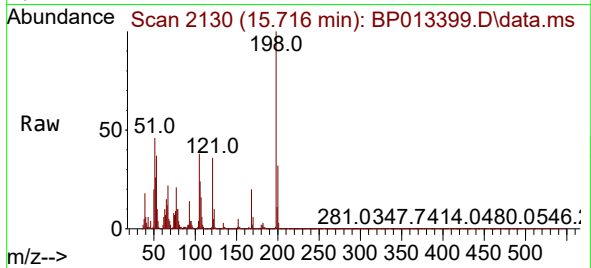




#66
4,6-Dinitro-2-methylphenol
Concen: 182.930 ng/ul
RT: 15.716 min Scan# 2130
Delta R.T. 0.018 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

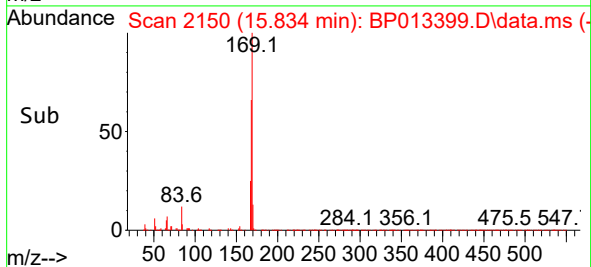
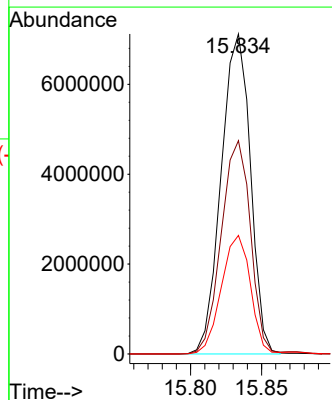
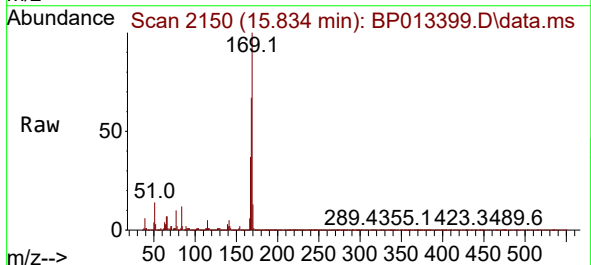
Instrument :
BNA_P
ClientSampleId :
SSTD160601

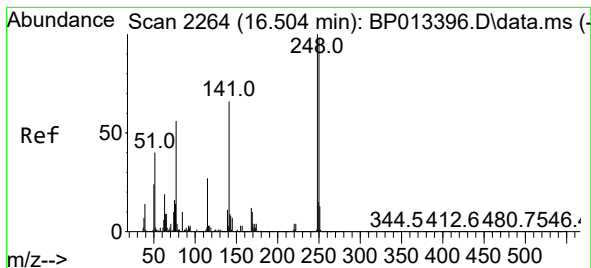
Tgt Ion:198 Resp: 2726355
Ion Ratio Lower Upper
198 100
182 3.4 4.8 7.2#
77 21.2 18.9 28.3



#67
N-Nitrosodiphenylamine
Concen: 155.238 ng/ul
RT: 15.834 min Scan# 2150
Delta R.T. 0.012 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion:169 Resp:10199881
Ion Ratio Lower Upper
169 100
168 66.7 52.9 79.3
167 37.0 29.3 43.9



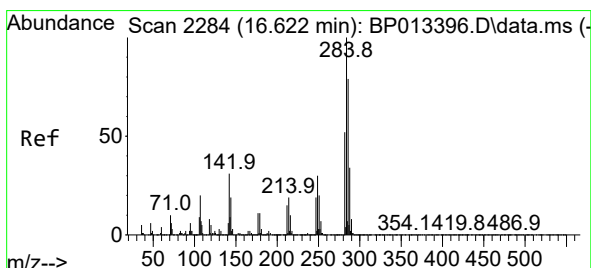
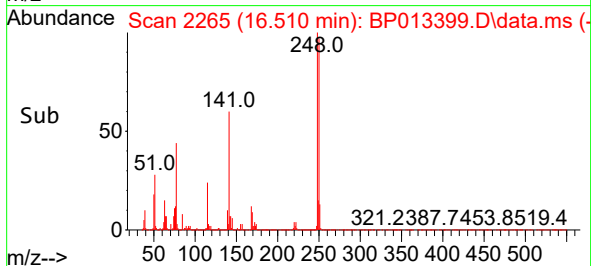
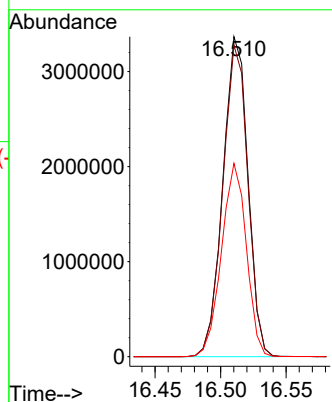
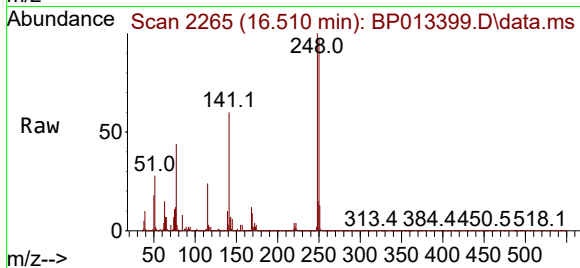


#68
 4-Bromophenyl-phenylether
 Concen: 174.049 ng/ul
 RT: 16.510 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP013399.D
 Acq: 05 Jan 2023 16:00

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160601

Tgt Ion:248 Resp: 4479563

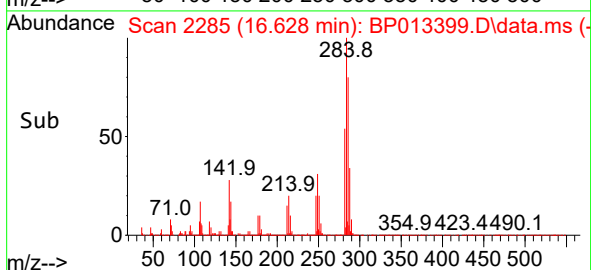
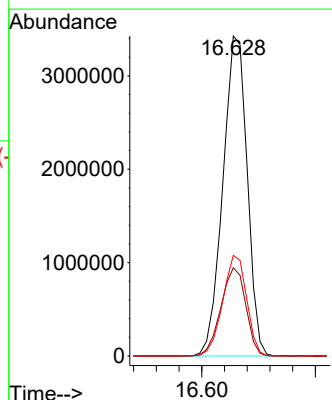
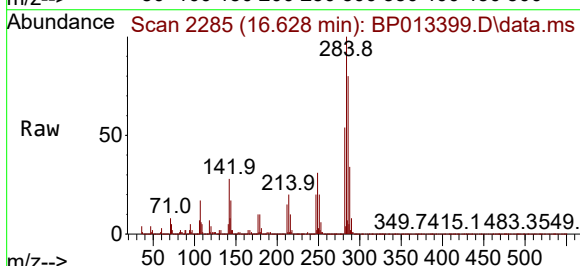
Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.5	117.7
141	60.4	53.0	79.4

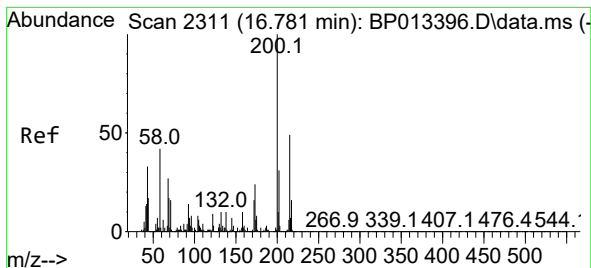


#69
 Hexachlorobenzene
 Concen: 166.780 ng/ul
 RT: 16.628 min Scan# 2285
 Delta R.T. 0.006 min
 Lab File: BP013399.D
 Acq: 05 Jan 2023 16:00

Tgt Ion:284 Resp: 5096784

Ion	Ratio	Lower	Upper
284	100		
142	27.6	24.8	37.2
249	31.5	24.1	36.1





#70

Atrazine

Concen: 166.115 ng/ul

RT: 16.798 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD160601

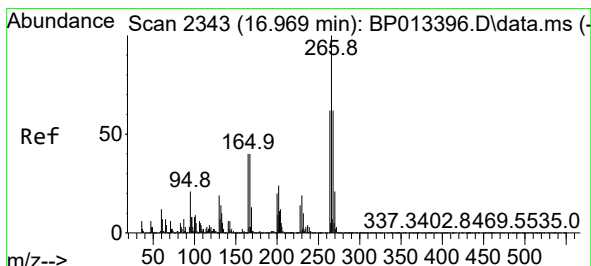
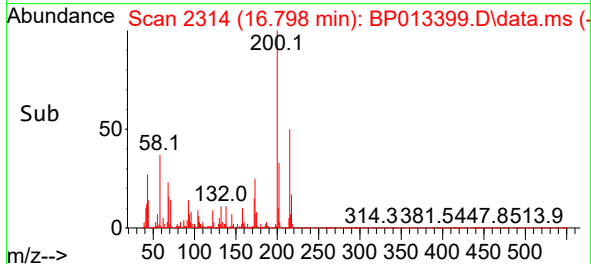
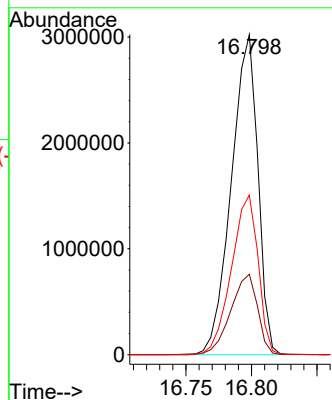
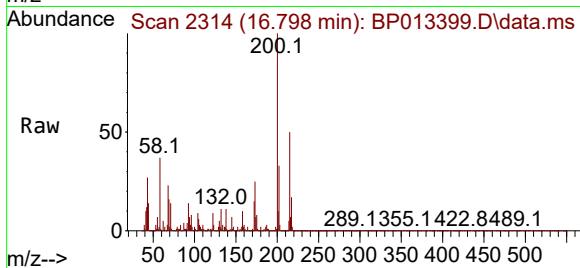
Tgt Ion:200 Resp: 4253282

Ion Ratio Lower Upper

200 100

173 25.1 19.2 28.8

215 49.9 39.0 58.4



#71

Pentachlorophenol

Concen: 180.731 ng/ul

RT: 16.975 min Scan# 2344

Delta R.T. 0.006 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

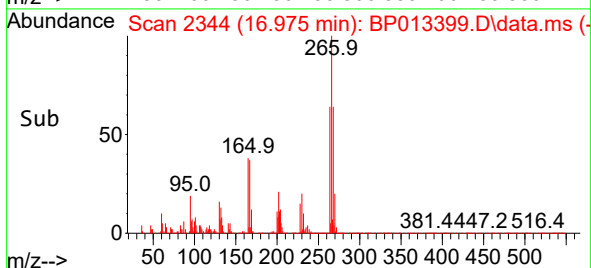
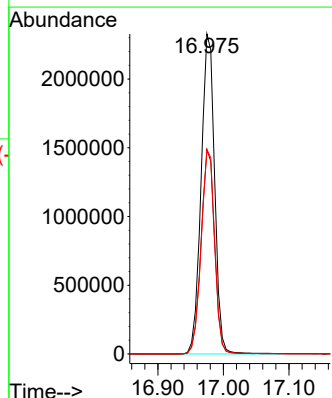
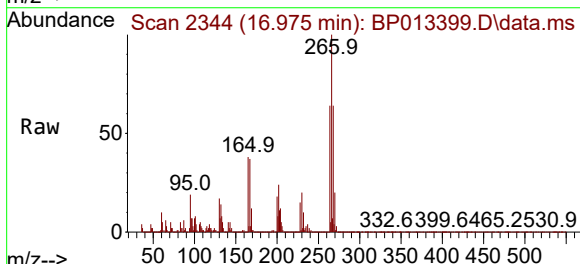
Tgt Ion:266 Resp: 3344809

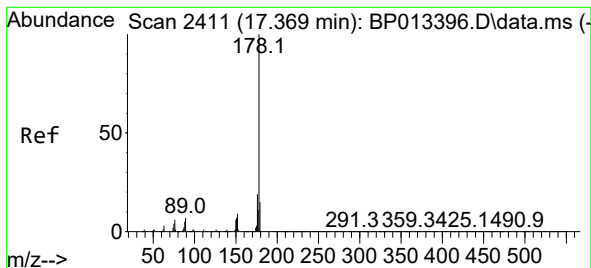
Ion Ratio Lower Upper

266 100

264 63.8 49.7 74.5

268 63.9 49.4 74.0





#72

Phenanthrene

Concen: 128.204 ng/ul

RT: 17.369 min Scan# 2411

Delta R.T. -0.000 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD160601

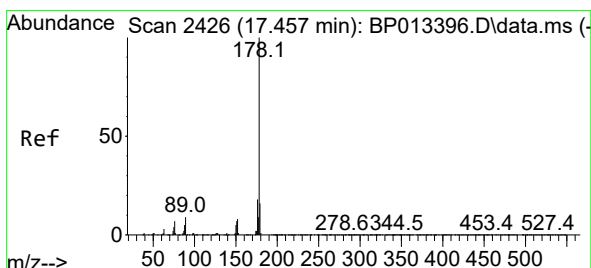
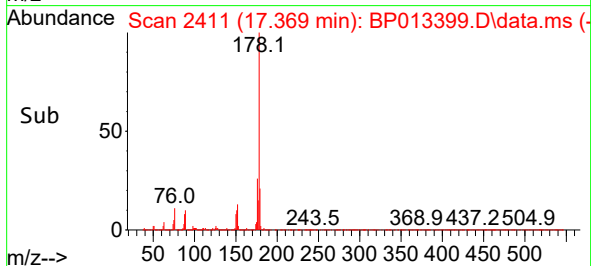
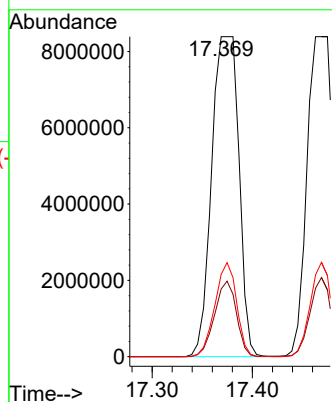
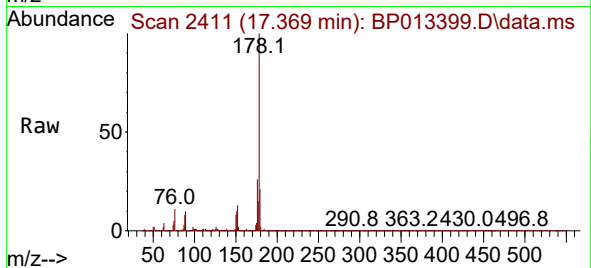
Tgt Ion:178 Resp:15825715

Ion Ratio Lower Upper

178 100

179 21.1 12.1 18.1#

176 25.7 15.4 23.0#



#74

Anthracene

Concen: 121.633 ng/ul

RT: 17.463 min Scan# 2427

Delta R.T. 0.006 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

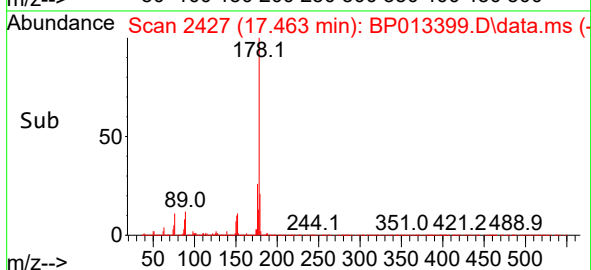
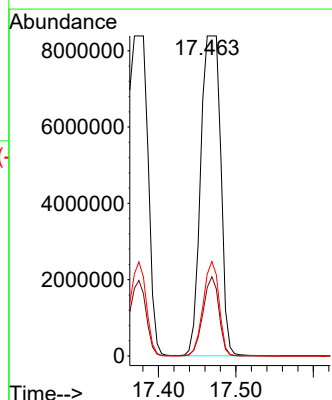
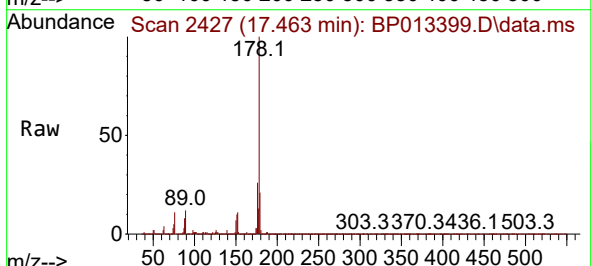
Tgt Ion:178 Resp:14991981

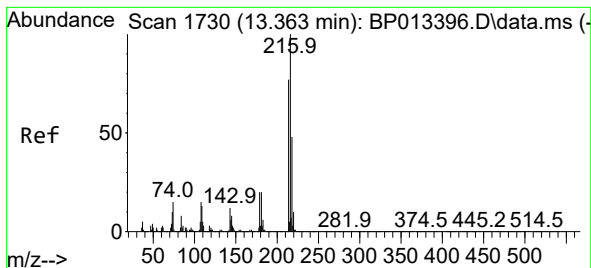
Ion Ratio Lower Upper

178 100

179 21.4 12.5 18.7#

176 25.5 14.7 22.1#

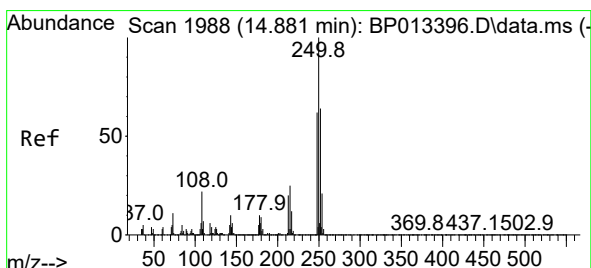
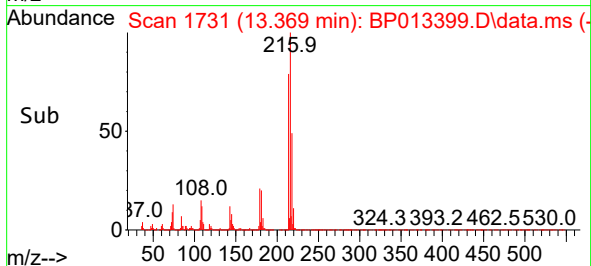
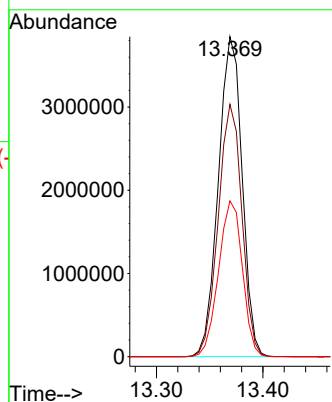
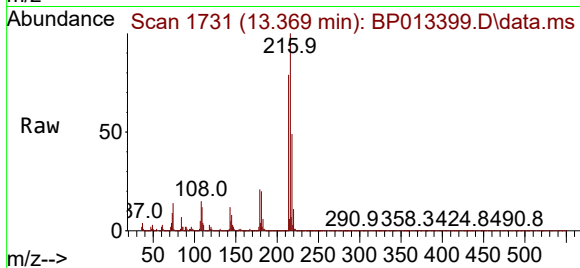




#75
1,2,3,4-Tetrachlorobenzene
Concen: 176.313 ng/uL
RT: 13.369 min Scan# 1730
Delta R.T. 0.006 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

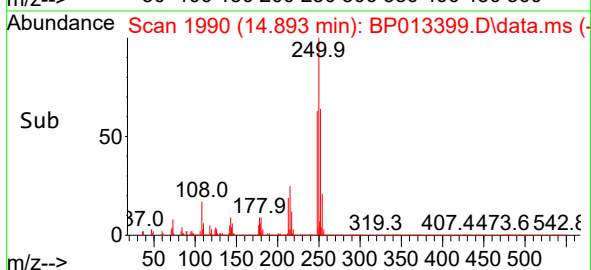
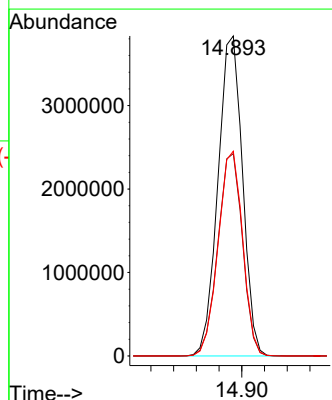
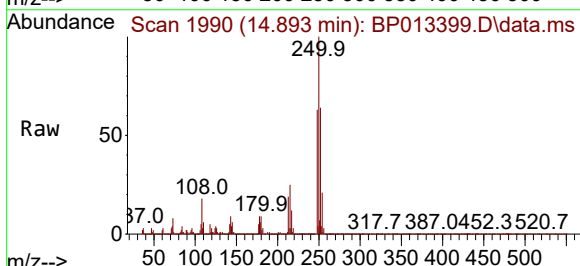
Instrument :
BNA_P
ClientSampleId :
SSTD160601

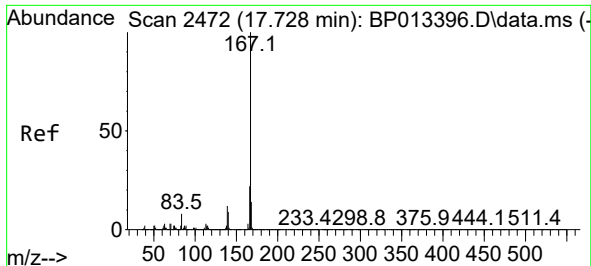
Tgt Ion:216 Resp: 5961618
Ion Ratio Lower Upper
216 100
214 78.9 61.7 92.5
218 48.7 38.1 57.1



#76
Pentachlorobenzene
Concen: 166.999 ng/uL
RT: 14.893 min Scan# 1990
Delta R.T. 0.012 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion:250 Resp: 5757073
Ion Ratio Lower Upper
250 100
248 63.2 50.0 75.0
252 64.0 51.1 76.7

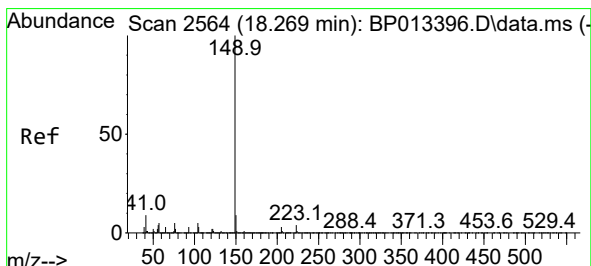
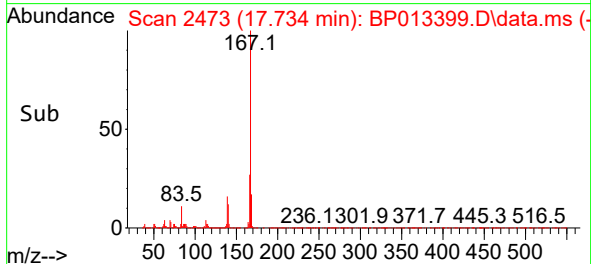
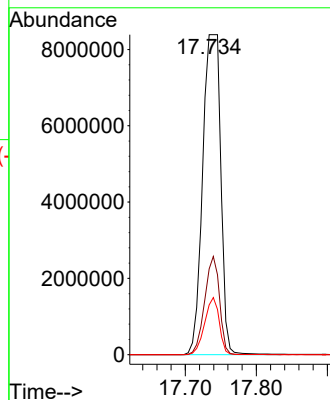
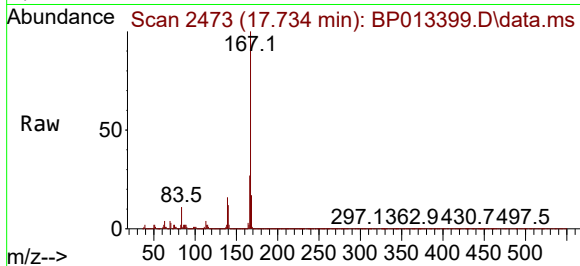




#77
Carbazole
Concen: 143.873 ng/ul
RT: 17.734 min Scan# 2473
Delta R.T. 0.006 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

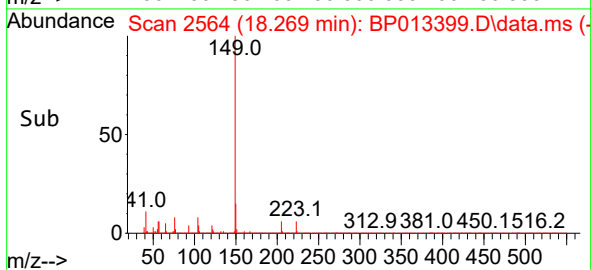
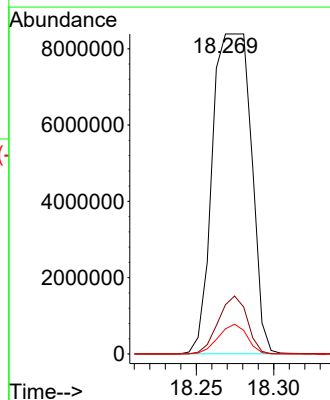
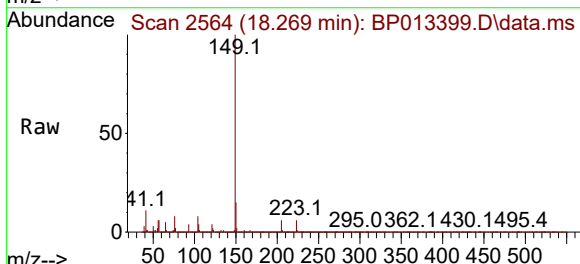
Instrument :
BNA_P
ClientSampleId :
SSTD160601

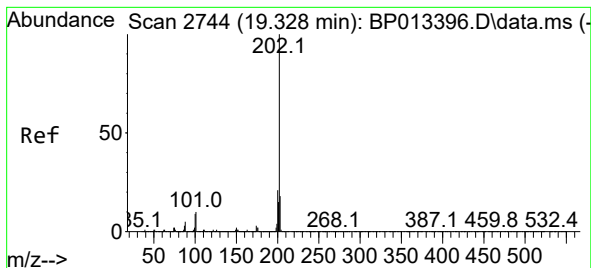
Tgt Ion:167 Resp:14934195
Ion Ratio Lower Upper
167 100
166 26.8 17.5 26.3#
139 15.6 9.8 14.6#



#78
Di-n-butylphthalate
Concen: 115.351 ng/ul
RT: 18.269 min Scan# 2564
Delta R.T. -0.000 min
Lab File: BP013399.D
Acq: 05 Jan 2023 16:00

Tgt Ion:149 Resp:14578742
Ion Ratio Lower Upper
149 100
150 15.4 7.1 10.7#
104 7.8 4.3 6.5#





#80

Fluoranthene

Concen: 0.374 ng/ul

RT: 19.275 min Scan# 21

Delta R.T. -0.053 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD160601

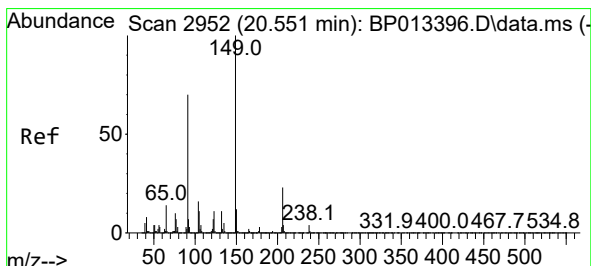
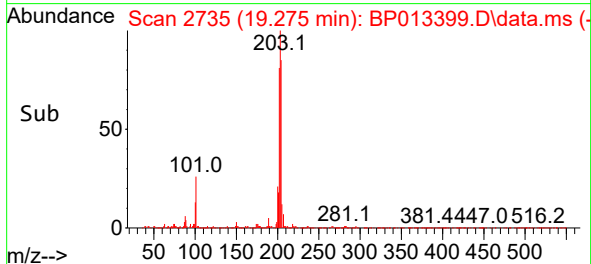
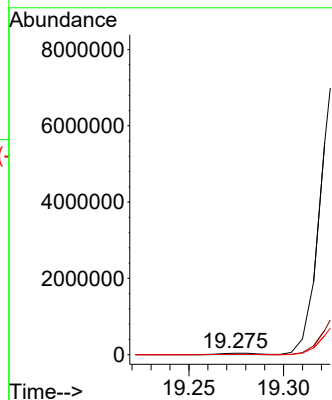
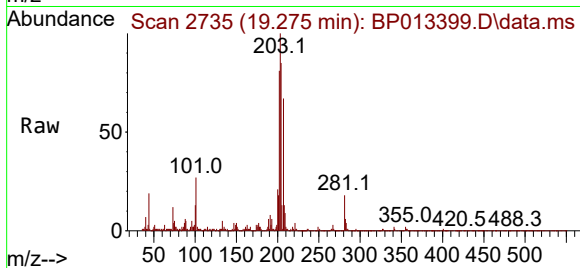
Tgt Ion:202 Resp: 54219

Ion Ratio Lower Upper

202 100

101 32.9 8.3 12.5#

100 15.8 6.8 10.2#



#83

Butylbenzylphthalate

Concen: 165.402 ng/ul

RT: 20.551 min Scan# 2952

Delta R.T. -0.000 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

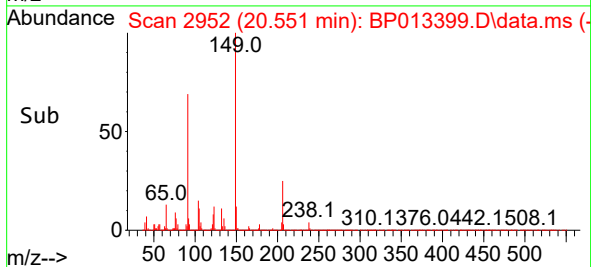
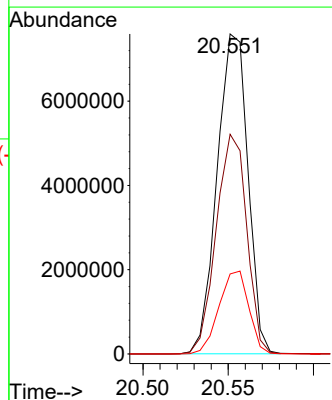
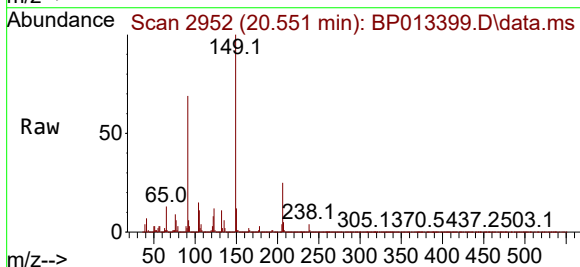
Tgt Ion:149 Resp: 9543449

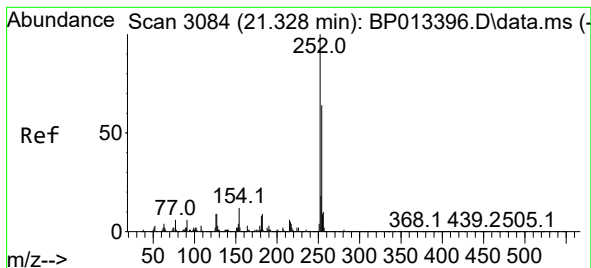
Ion Ratio Lower Upper

149 100

91 68.6 55.8 83.6

206 25.0 18.5 27.7





#84

3,3'-Dichlorobenzidine

Concen: 143.631 ng/ul

RT: 21.333 min Scan# 3084

Delta R.T. 0.006 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD160601

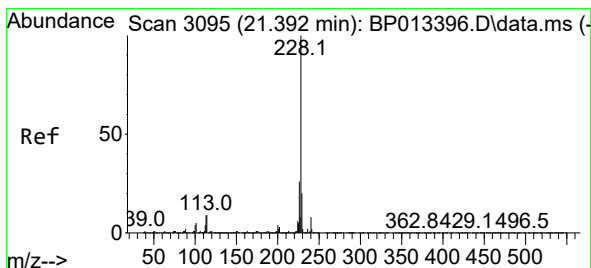
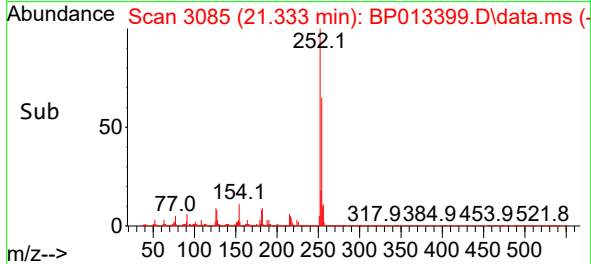
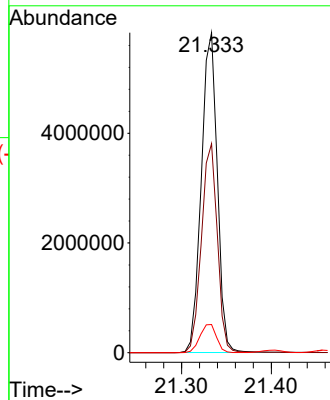
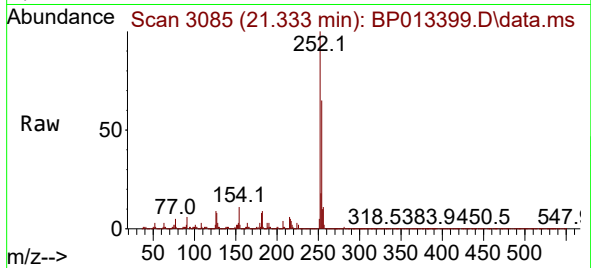
Tgt Ion:252 Resp: 7211191

Ion Ratio Lower Upper

252 100

254 65.3 51.0 76.4

126 8.8 7.0 10.4



#85

Benzo(a)anthracene

Concen: 21.176 ng/ul

RT: 21.451 min Scan# 3105

Delta R.T. 0.059 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

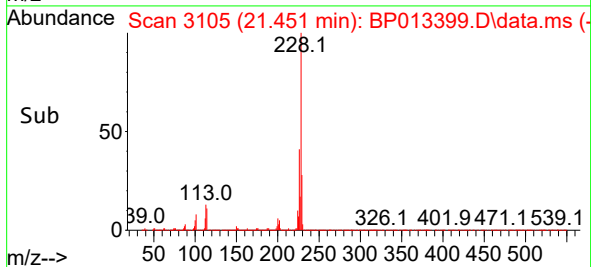
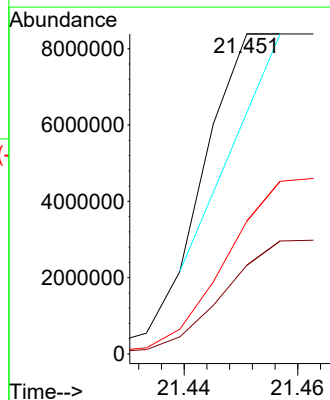
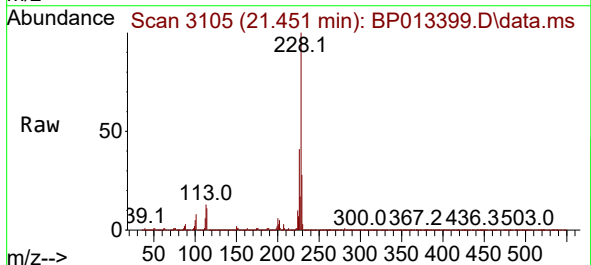
Tgt Ion:228 Resp: 3124270

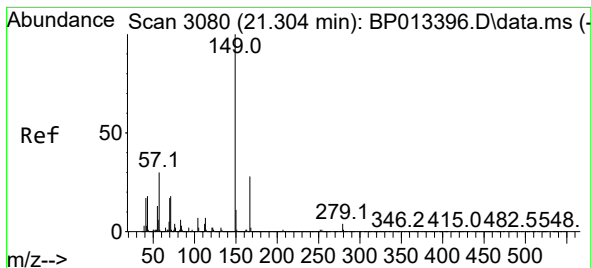
Ion Ratio Lower Upper

228 100

229 27.7 15.9 23.9#

226 41.5 21.2 31.8#

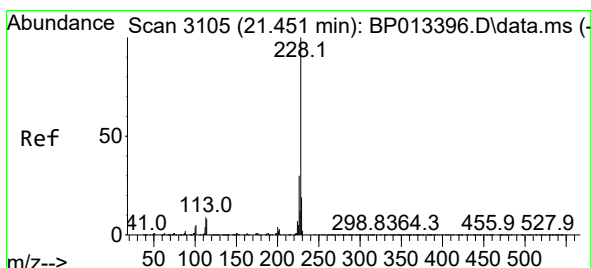
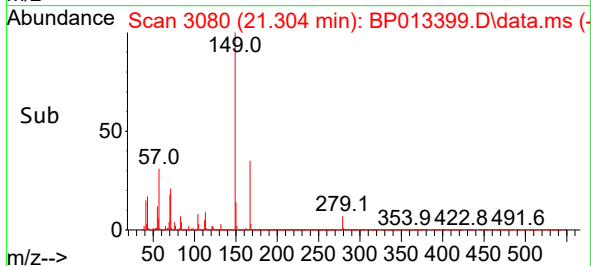
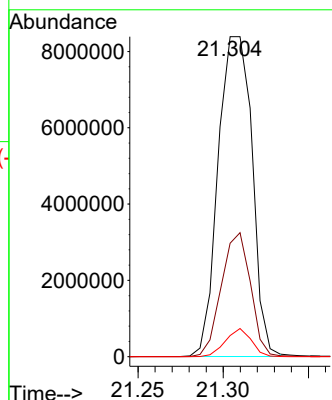
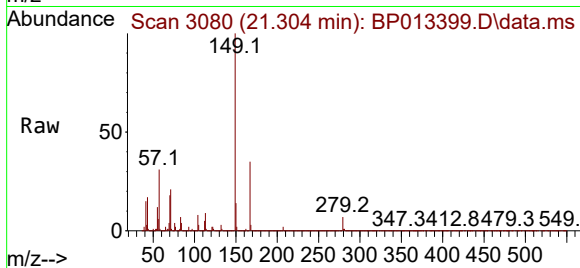




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 142.913 ng/ul
 RT: 21.304 min Scan# 3080
 Delta R.T. -0.000 min
 Lab File: BP013399.D
 Acq: 05 Jan 2023 16:00

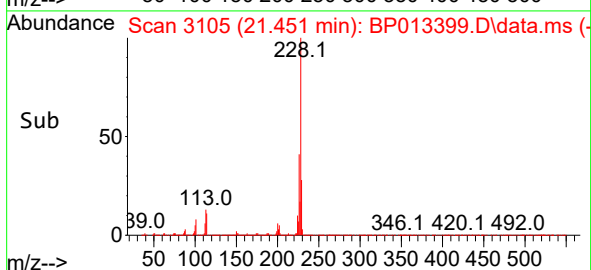
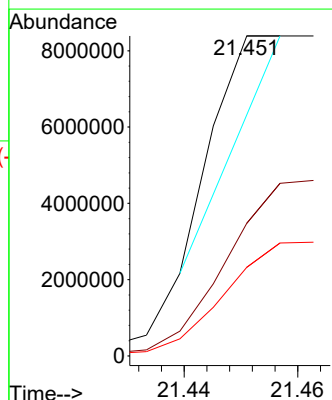
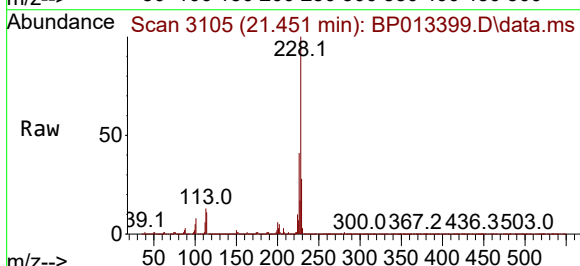
Instrument :
 BNA_P
 ClientSampleId :
 SSTD160601

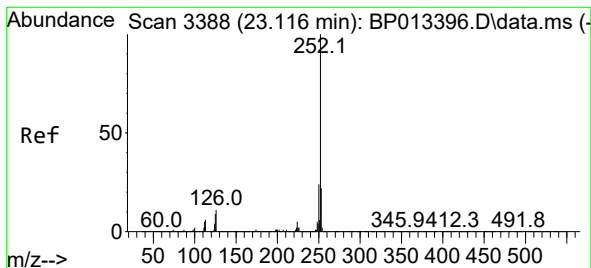
Tgt Ion:149 Resp:11631764
 Ion Ratio Lower Upper
 149 100
 167 35.5 22.2 33.4#
 279 6.6 3.5 5.3#



#87
 Chrysene
 Concen: 22.393 ng/ul
 RT: 21.451 min Scan# 3105
 Delta R.T. -0.000 min
 Lab File: BP013399.D
 Acq: 05 Jan 2023 16:00

Tgt Ion:228 Resp: 3124270
 Ion Ratio Lower Upper
 228 100
 226 41.5 24.2 36.2#
 229 27.7 15.6 23.4#





#90

Benzo(b)fluoranthene

Concen: 9.791 ng/ul

RT: 23.174 min Scan# 3398

Delta R.T. 0.059 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD160601

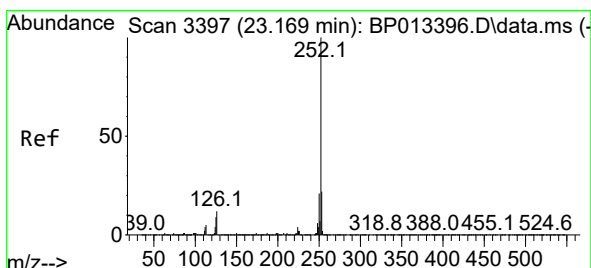
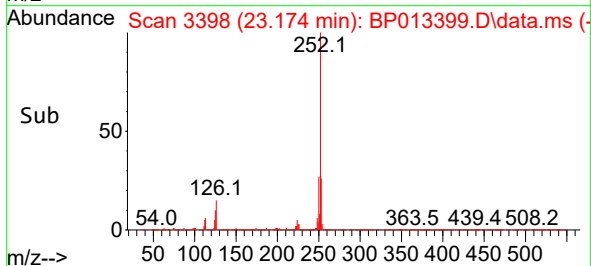
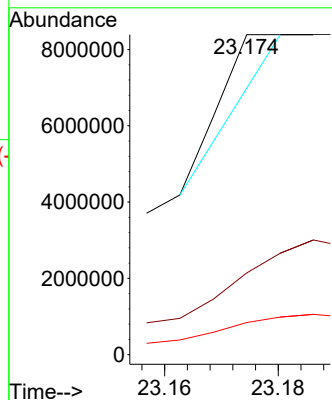
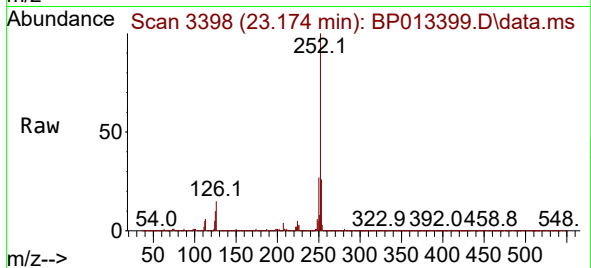
Tgt Ion:252 Resp: 1635119

Ion Ratio Lower Upper

252 100

253 25.6 17.7 26.5

125 10.0 7.1 10.7



#91

Benzo(k)fluoranthene

Concen: 9.873 ng/ul

RT: 23.174 min Scan# 3398

Delta R.T. 0.006 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

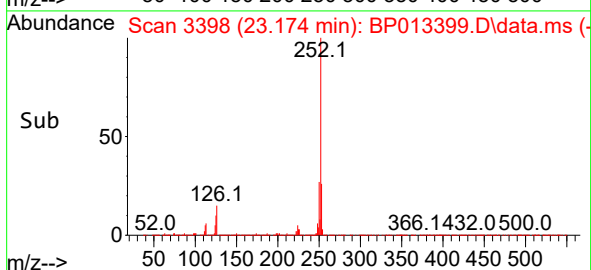
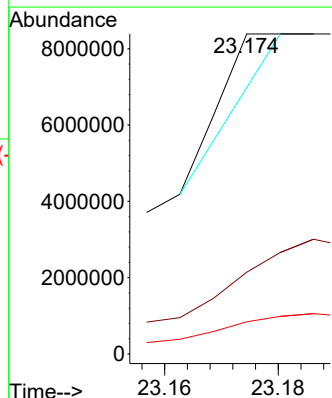
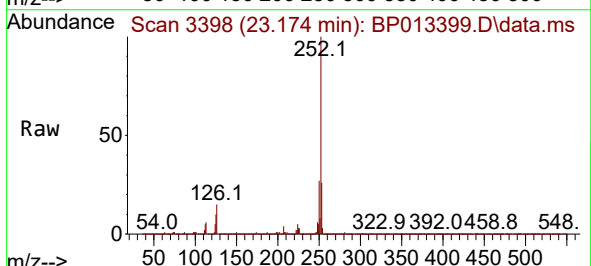
Tgt Ion:252 Resp: 1635119

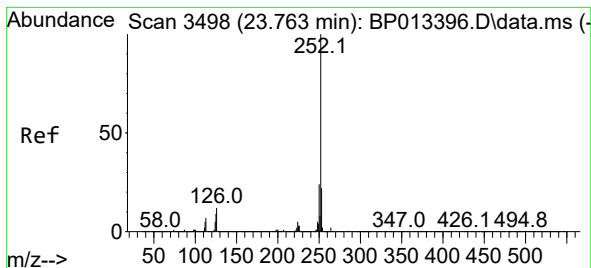
Ion Ratio Lower Upper

252 100

253 25.6 17.6 26.4

125 10.0 6.9 10.3





#93

Benzo(a)pyrene

Concen: 0.152 ng/ul

RT: 23.927 min Scan# 3

Delta R.T. 0.165 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD160601

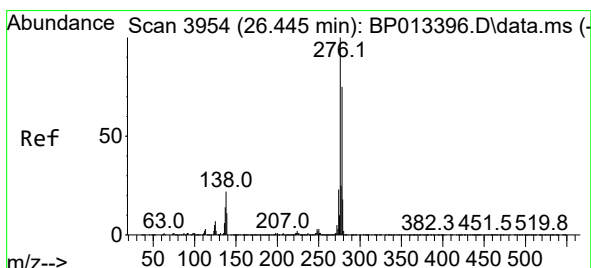
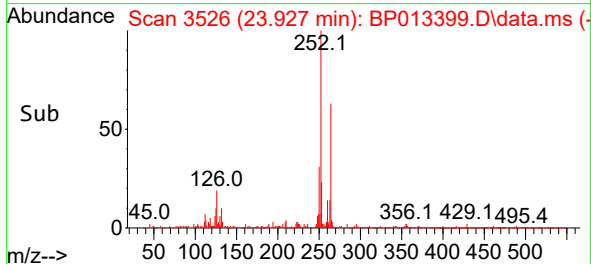
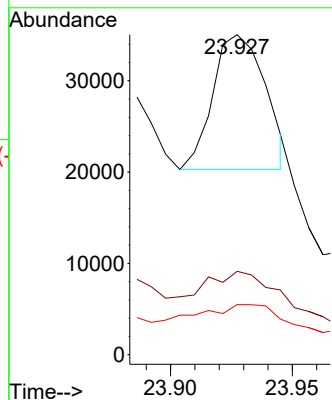
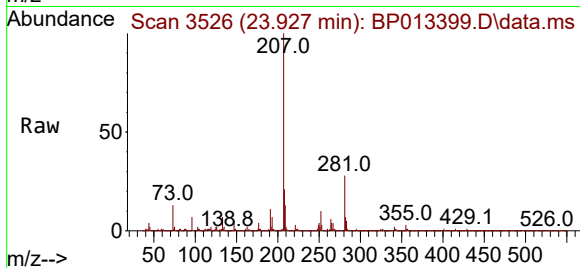
Tgt Ion:252 Resp: 22083

Ion Ratio Lower Upper

252 100

253 26.0 17.4 26.0

125 15.7 7.6 11.4#



#94

Indeno(1,2,3-cd)pyrene

Concen: 120.864 ng/ul

RT: 26.480 min Scan# 3960

Delta R.T. 0.035 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

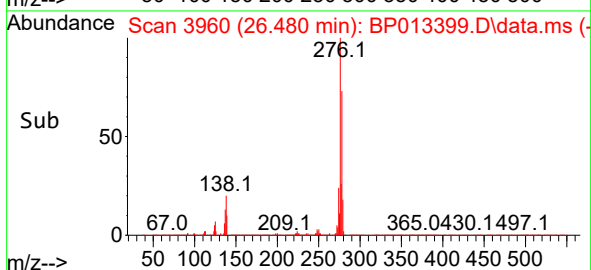
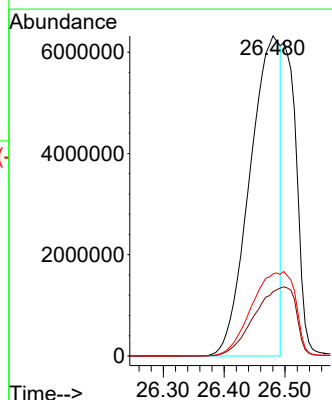
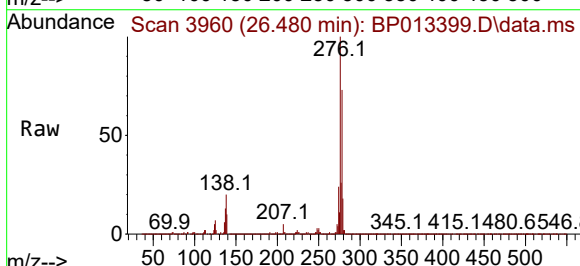
Tgt Ion:276 Resp:21892992

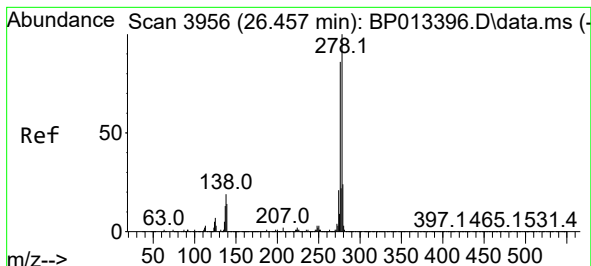
Ion Ratio Lower Upper

276 100

138 20.1 17.3 25.9

277 25.7 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 170.033 ng/ul

RT: 26.504 min Scan# 3956

Delta R.T. 0.047 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD160601

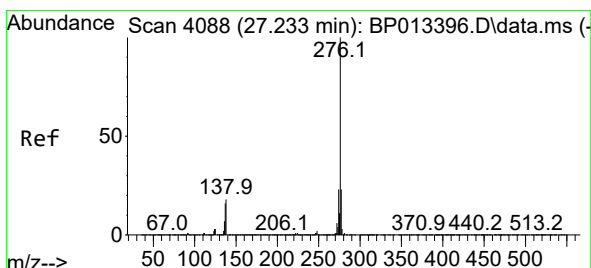
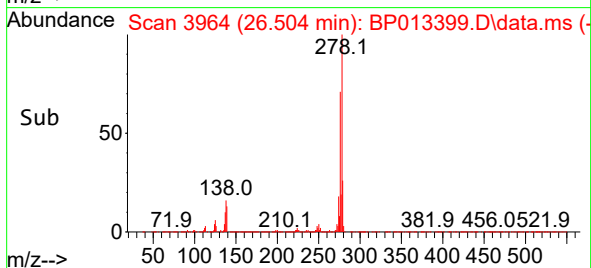
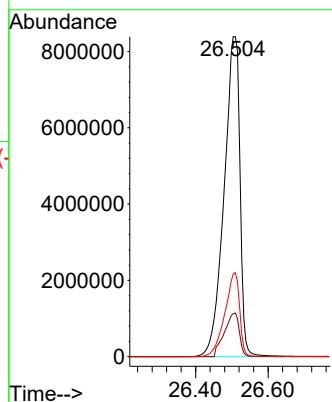
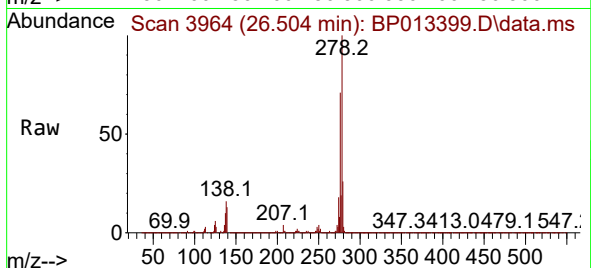
Tgt Ion:278 Resp:25500437

Ion Ratio Lower Upper

278 100

139 13.5 11.3 16.9

279 25.8 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 183.993 ng/ul

RT: 27.286 min Scan# 4097

Delta R.T. 0.053 min

Lab File: BP013399.D

Acq: 05 Jan 2023 16:00

Tgt Ion:276 Resp:26756082

Ion Ratio Lower Upper

276 100

138 18.2 14.5 21.7

277 24.6 18.8 28.2

