

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
 Data File : BP013746.D
 Acq On : 03 Feb 2023 18:22
 Operator : CG/JU
 Sample : 01381-10
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A44K7

Quant Time: Feb 03 23:53:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 03 23:44:43 2023
 Response via : Initial Calibration

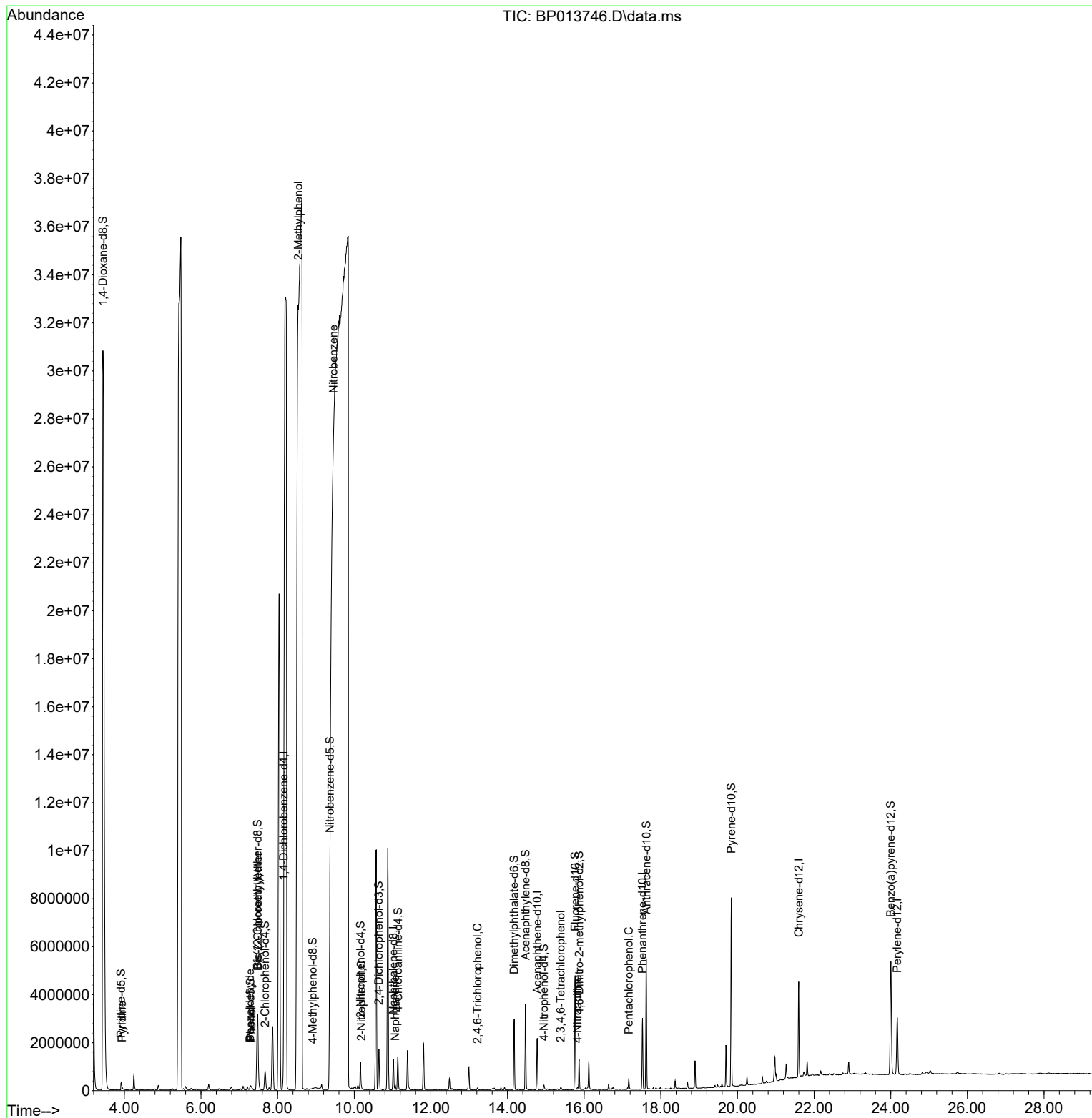
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	254807	20.000	ng/ul	0.02
20) Naphthalene-d8	11.022	136	1083011	20.000	ng/ul	0.06
38) Acenaphthene-d10	14.775	164	756064	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.522	188	1852746	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	2066292	20.000	ng/ul	0.00
88) Perylene-d12	24.169	264	2072659	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	1603878	266.870	ng/uL	-0.04
4) Pyridine-d5	3.917	84	196846	11.415	ng/ul	0.00
7) Phenol-d5	7.293	99	169008	7.547	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.475	67	688952	52.454	ng/ul	0.03
11) 2-Chlorophenol-d4	7.675	132	527239	32.117	ng/ul	0.02
15) 4-Methylphenol-d8	8.916	113	64606	3.619	ng/ul	0.08
21) Nitrobenzene-d5	9.363	128	9829	1.423	ng/ul	0.06
24) 2-Nitrophenol-d4	10.163	143	340071	42.237	ng/ul	0.13
28) 2,4-Dichlorophenol-d3	10.640	165	613087	32.562	ng/ul	0.06
31) 4-Chloroaniline-d4	11.140	131	697000	28.029	ng/ul	0.05
46) Dimethylphthalate-d6	14.175	166	2068480	34.707	ng/ul	0.00
49) Acenaphthylene-d8	14.469	160	2365586	35.926	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	48235	4.802	ng/ul	0.00
60) Fluorene-d10	15.763	176	1971780	38.384	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	311727	30.024	ng/ul	0.00
73) Anthracene-d10	17.622	188	3245317	37.578	ng/ul	0.00
81) Pyrene-d10	19.839	212	4232215	36.724	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.004	264	4036524	38.150	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Pyridine	3.940	79	44330	2.553	ng/ul#	69
6) Benzaldehyde	7.281	77	10415	1.160	ng/ul#	48
8) Phenol	7.316	94	41583	1.814	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.481	93	2720036	147.694	ng/ul#	28
13) 2-Methylphenol	8.546	108	235116	13.436	ng/ul	91
22) Nitrobenzene	9.457	77	12328254	660.670	ng/ul#	76
25) 2-Nitrophenol	10.187	139	33704	3.783	ng/ul	92
30) Naphthalene	11.069	128	157436	2.750	ng/ul	99
41) 2,4,6-Trichlorophenol	13.216	196	22118	1.337	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.387	232	24366	1.438	ng/ul	97
63) 4-Nitroaniline	15.828	138	25131	3.035	ng/ul#	81
71) Pentachlorophenol	17.163	266	86626	5.488	ng/ul	94

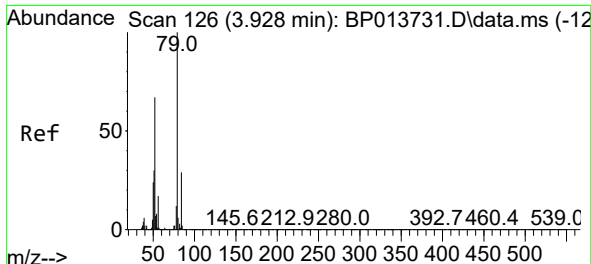
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Pyridine

Concen: 2.553 ng/ul

RT: 3.940 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP013746.D

Acq: 03 Feb 2023 18:22

Instrument :

BNA_P

ClientSampleId :

A44K7

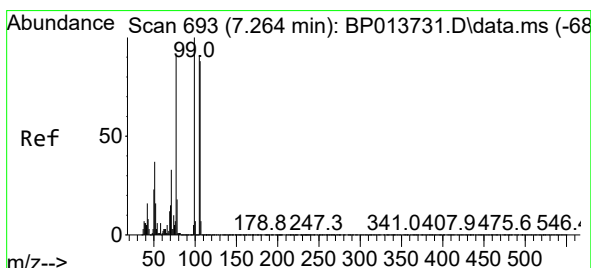
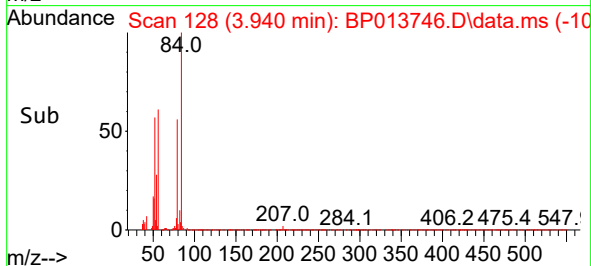
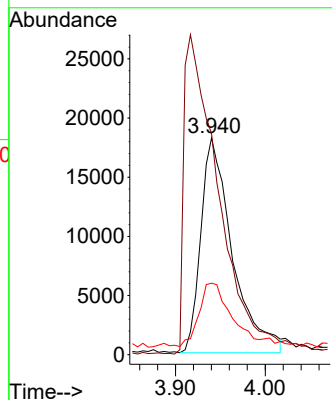
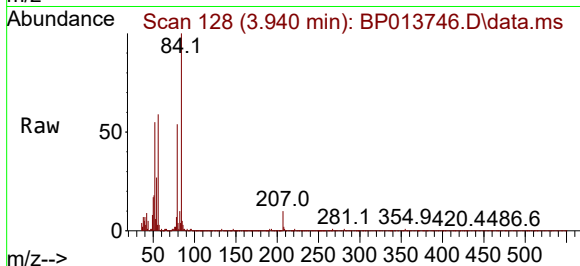
Tgt Ion: 79 Resp: 44330

Ion Ratio Lower Upper

79 100

52 102.1 53.8 80.6#

51 33.0 25.1 37.7



#6

Benzaldehyde

Concen: 1.160 ng/ul

RT: 7.281 min Scan# 696

Delta R.T. 0.018 min

Lab File: BP013746.D

Acq: 03 Feb 2023 18:22

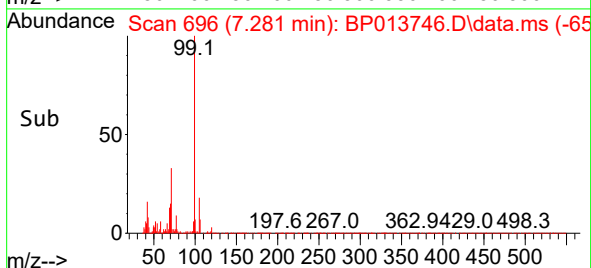
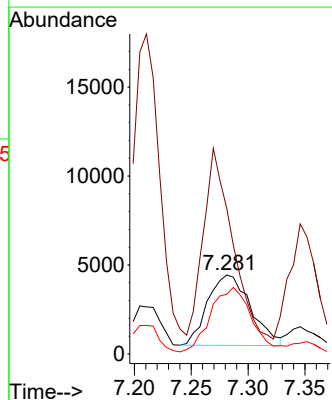
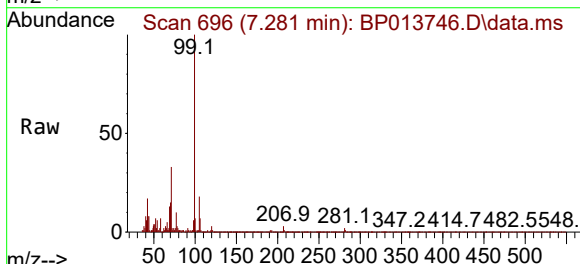
Tgt Ion: 77 Resp: 10415

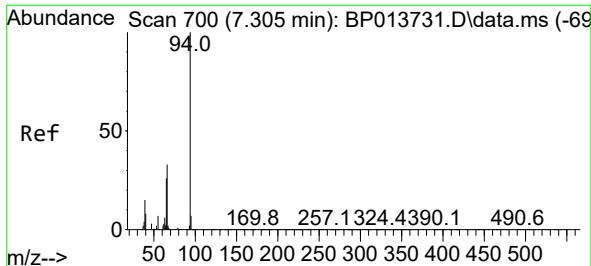
Ion Ratio Lower Upper

77 100

105 184.5 80.6 121.0#

106 75.4 75.0 112.4





#8

Phenol

Concen: 1.814 ng/ul

RT: 7.316 min Scan# 70

Delta R.T. 0.012 min

Lab File: BP013746.D

Acq: 03 Feb 2023 18:22

Instrument :

BNA_P

ClientSampleId :

A44K7

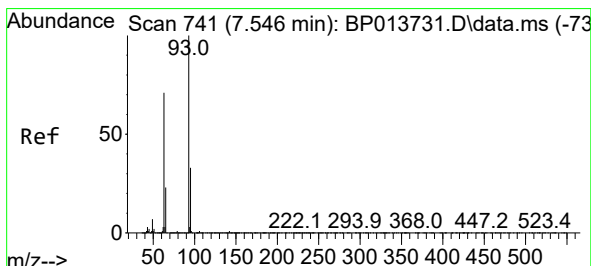
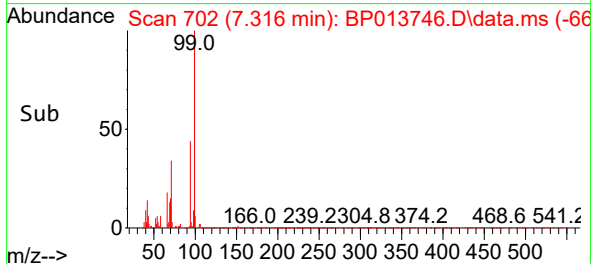
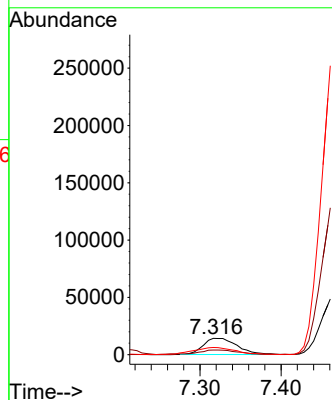
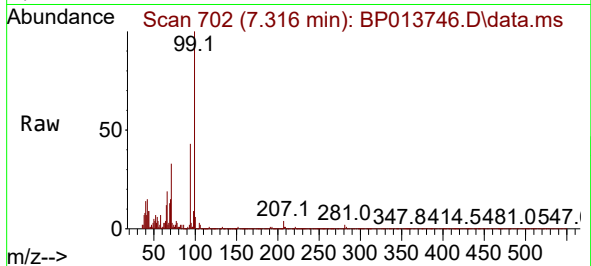
Tgt Ion: 94 Resp: 41583

Ion Ratio Lower Upper

94 100

65 28.2 21.0 31.4

66 44.2 27.4 41.2#



#10

Bis(2-Chloroethyl)ether

Concen: 147.694 ng/ul

RT: 7.481 min Scan# 730

Delta R.T. -0.059 min

Lab File: BP013746.D

Acq: 03 Feb 2023 18:22

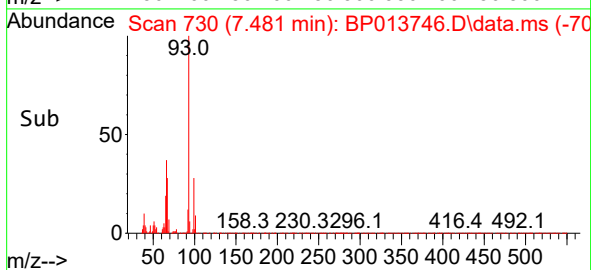
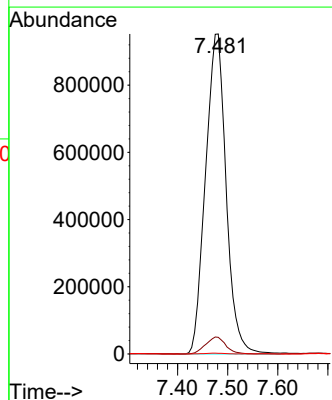
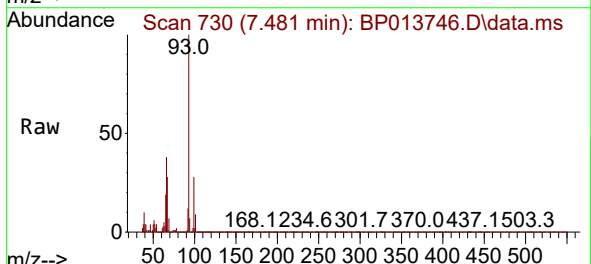
Tgt Ion: 93 Resp: 2720036

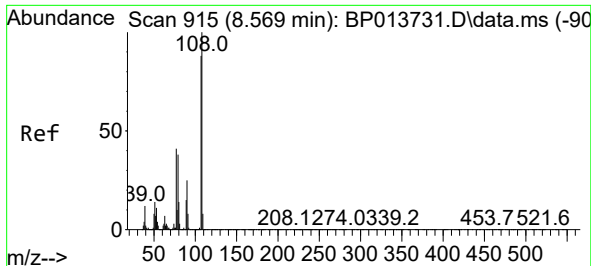
Ion Ratio Lower Upper

93 100

63 5.2 55.8 83.6#

95 0.2 25.1 37.7#

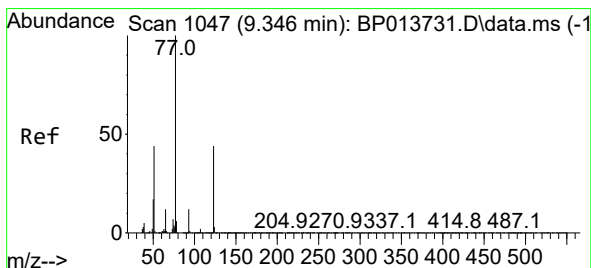
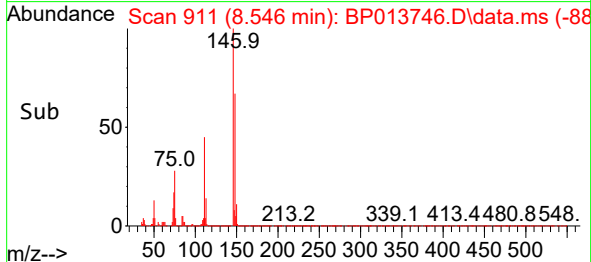
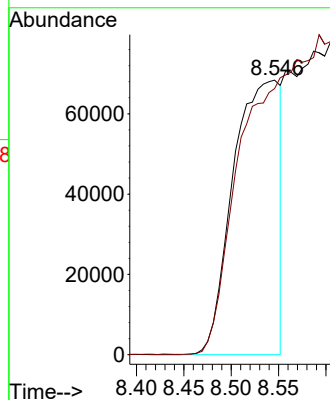
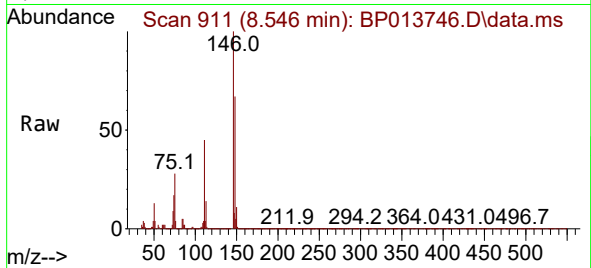




#13
2-Methylphenol
Concen: 13.436 ng/ul
RT: 8.546 min Scan# 915
Delta R.T. -0.024 min
Lab File: BP013746.D
Acq: 03 Feb 2023 18:22

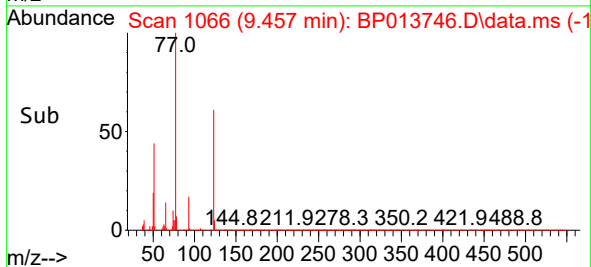
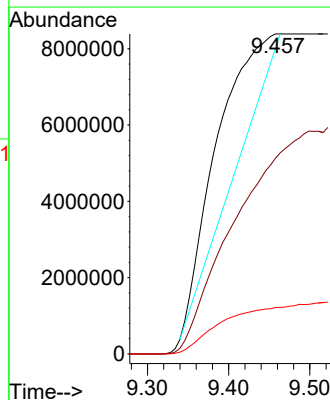
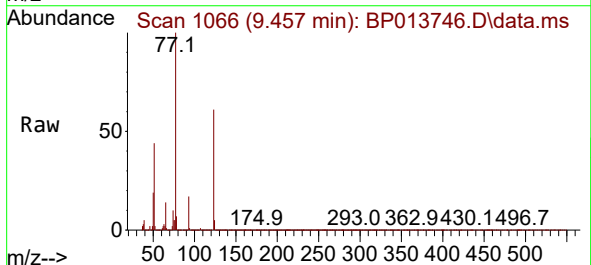
Instrument :
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ClientSampleId :
A44K7

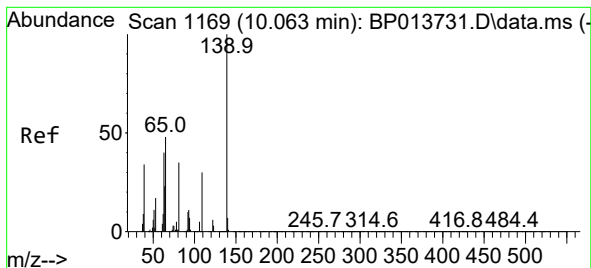
Tgt Ion:108 Resp: 235116
Ion Ratio Lower Upper
108 100
107 96.9 70.9 106.3



#22
Nitrobenzene
Concen: 660.670 ng/ul
RT: 9.457 min Scan# 1066
Delta R.T. 0.112 min
Lab File: BP013746.D
Acq: 03 Feb 2023 18:22

Tgt Ion: 77 Resp:12328254
Ion Ratio Lower Upper
77 100
123 61.2 34.1 51.1#
65 14.5 9.8 14.8





#25

2-Nitrophenol

Concen: 3.783 ng/ul

RT: 10.187 min Scan# 1169

Delta R.T. 0.124 min

Lab File: BP013746.D

Acq: 03 Feb 2023 18:22

Instrument :

BNA_P

ClientSampleId :

A44K7

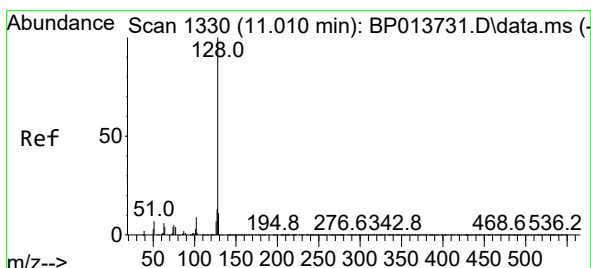
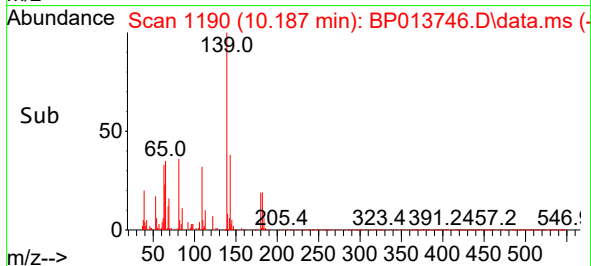
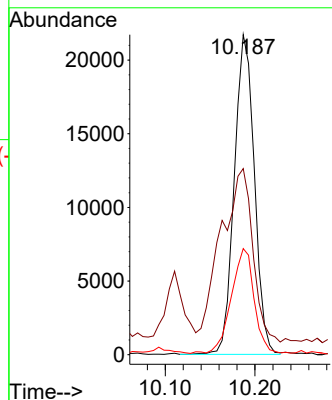
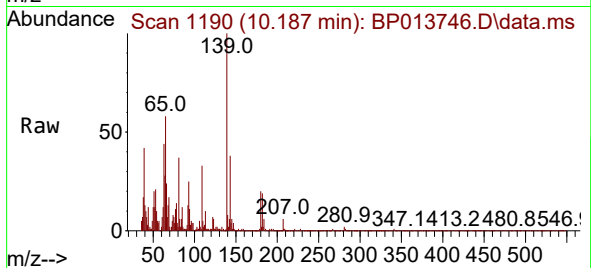
Tgt Ion:139 Resp: 33704

Ion Ratio Lower Upper

139 100

65 58.1 40.9 61.3

109 33.1 24.3 36.5



#30

Naphthalene

Concen: 2.750 ng/ul

RT: 11.069 min Scan# 1340

Delta R.T. 0.059 min

Lab File: BP013746.D

Acq: 03 Feb 2023 18:22

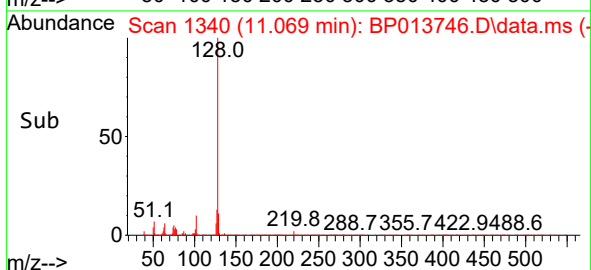
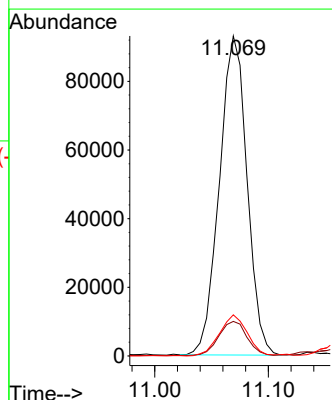
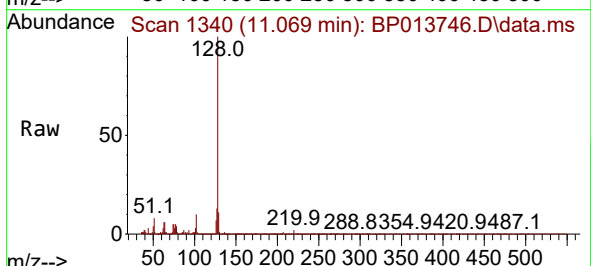
Tgt Ion:128 Resp: 157436

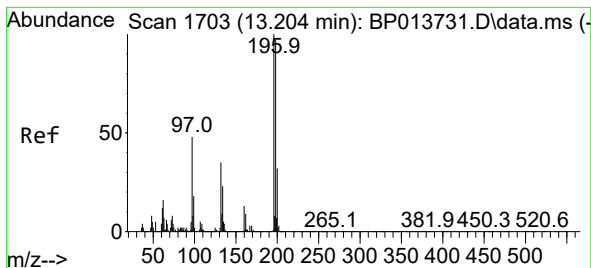
Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

127 12.9 10.2 15.4





#41

2,4,6-Trichlorophenol

Concen: 1.337 ng/ul

RT: 13.216 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP013746.D

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Instrument :

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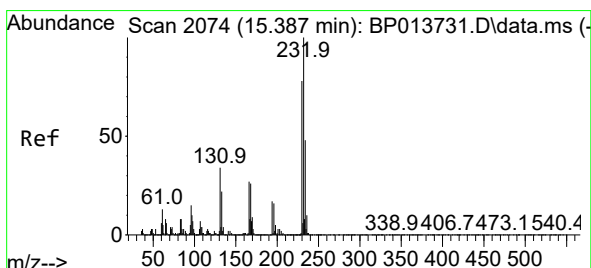
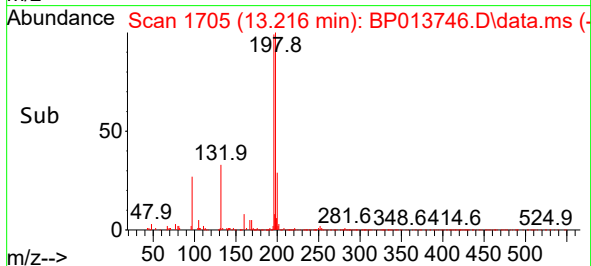
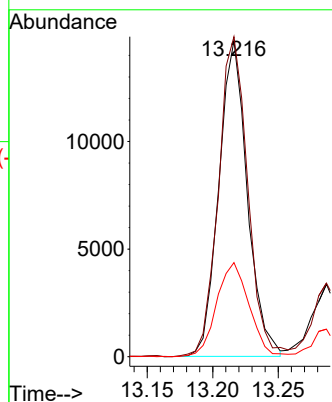
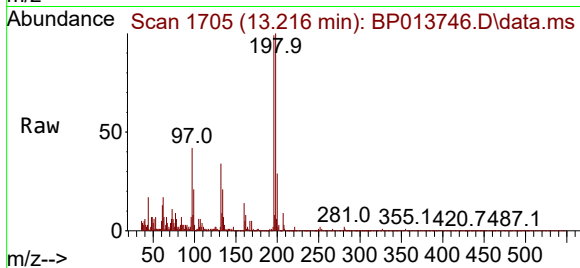
Tgt Ion:196 Resp: 22118

Ion Ratio Lower Upper

196 100

198 101.2 79.0 118.6

200 29.8 25.2 37.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 1.438 ng/ul

RT: 15.387 min Scan# 2074

Delta R.T. 0.000 min

Lab File: BP013746.D

Acq: 03 Feb 2023 18:22

Tgt Ion:232 Resp: 24366

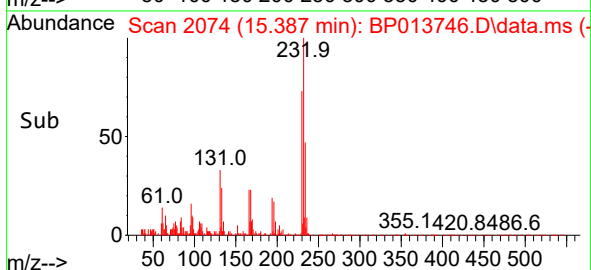
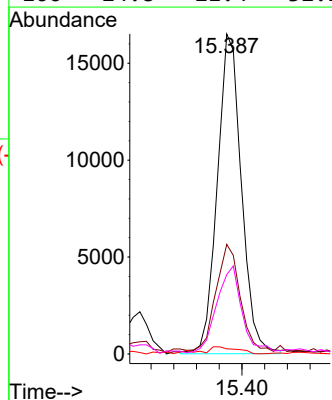
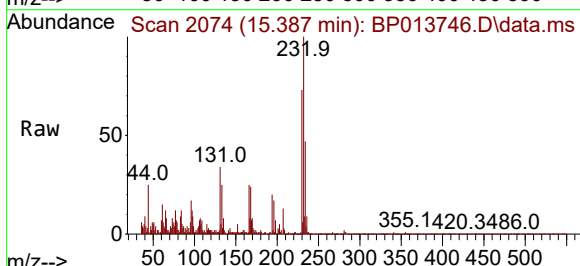
Ion Ratio Lower Upper

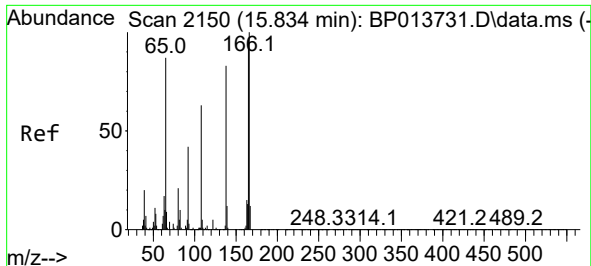
232 100

131 34.2 28.3 42.5

130 1.6 1.5 2.3

166 24.8 21.4 32.2

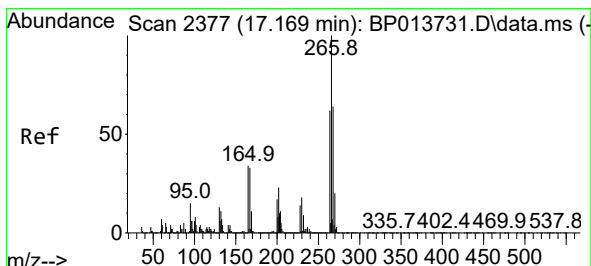
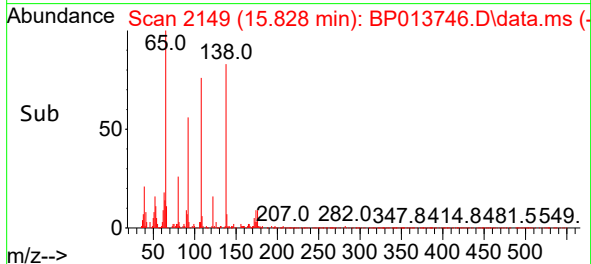
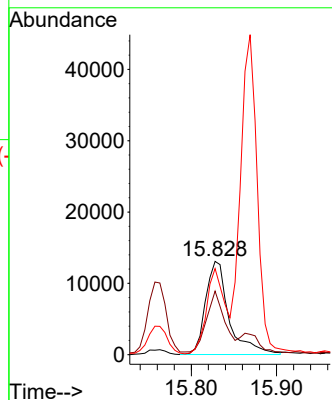
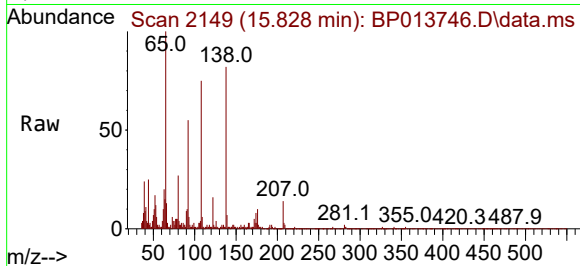




#63
4-Nitroaniline
Concen: 3.035 ng/ul
RT: 15.828 min Scan# 2150
Delta R.T. 0.000 min
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Tgt Ion:138 Resp: 25131
Ion Ratio Lower Upper
138 100
92 68.0 41.7 62.5#
108 92.3 62.0 93.0



#71
Pentachlorophenol
Concen: 5.488 ng/ul
RT: 17.163 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BP013746.D
Acq: 03 Feb 2023 18:22

Tgt Ion:266 Resp: 86626
Ion Ratio Lower Upper
266 100
264 60.2 51.2 76.8
268 59.4 51.8 77.8

