

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
 Data File : BP011263.D
 Acq On : 04 Aug 2022 14:20
 Operator : CG/JU
 Sample : N3956-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EXF05

Quant Time: Aug 04 22:54:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 02 23:52:37 2022
 Response via : Initial Calibration

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

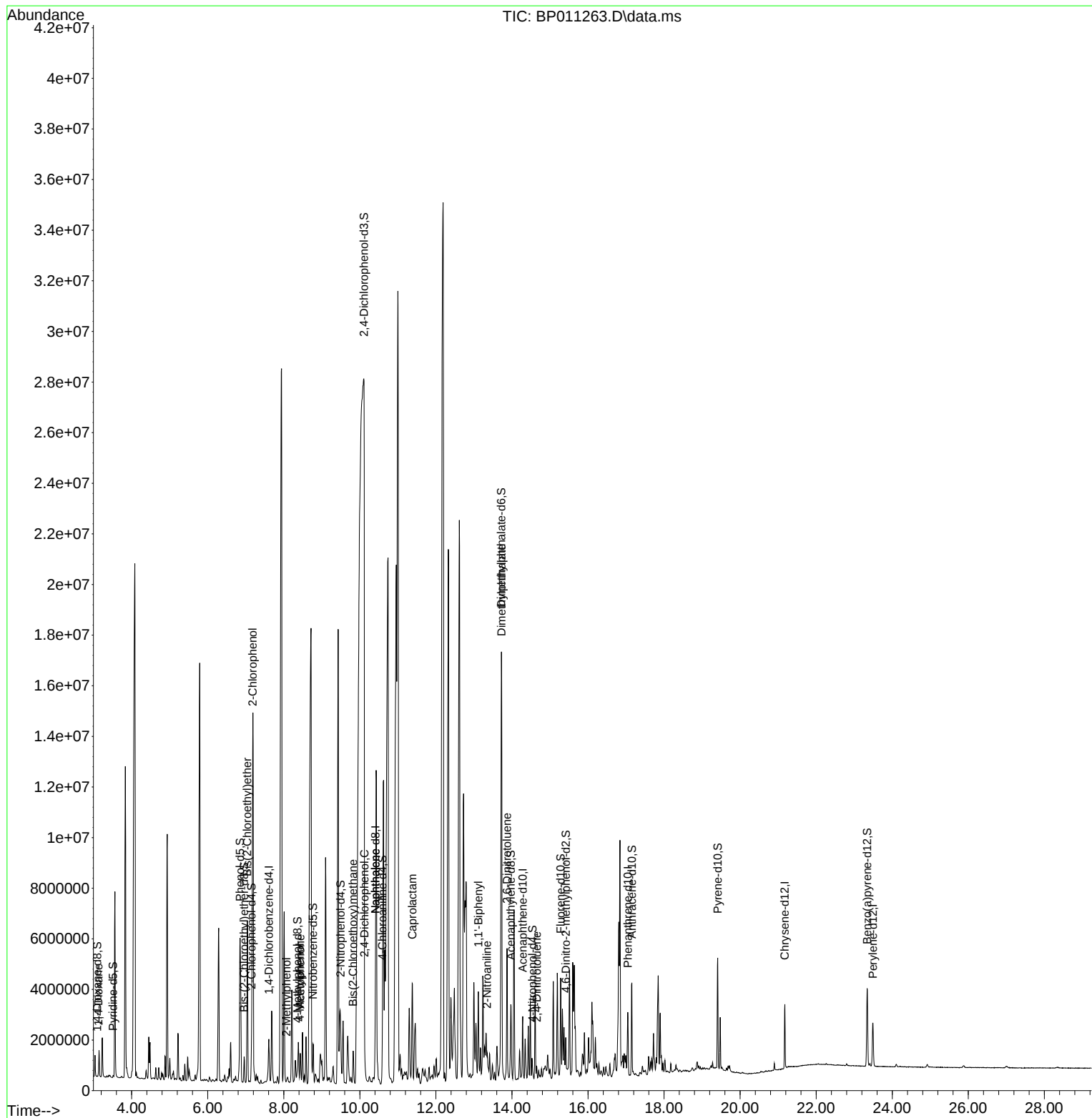
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	223673	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	1110985	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.281	164	604461	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.045	188	1191366	20.000	ng/ul	0.00
79) Chrysene-d12	21.175	240	1083541	20.000	ng/ul	0.00
88) Perylene-d12	23.492	264	1087295	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	6548	2.367	ng/uL	0.00
4) Pyridine-d5	3.511	84	46931	6.289	ng/ul	0.00
7) Phenol-d5	6.846	99	872284	46.796	ng/ul	0.06
9) Bis-(2-Chloroethyl)eth...	6.958	67	420962	31.297	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	402315	26.480	ng/ul	0.01
15) 4-Methylphenol-d8	8.358	113	298261	19.446	ng/ul	0.03
21) Nitrobenzene-d5	8.769	128	259659	32.494	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	252001	33.643	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	22164206	1551.697	ng/ul	0.09
31) 4-Chloroaniline-d4	10.593	131	329124	14.894	ng/ul	0.05
46) Dimethylphthalate-d6	13.722	166	1377562	33.275	ng/ul	0.02
49) Acenaphthylene-d8	13.969	160	1890986	36.304	ng/ul	0.00
54) 4-Nitrophenol-d4	14.540	143	57289	8.138	ng/ul	0.04
60) Fluorene-d10	15.281	176	1279141	36.312	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	205707	37.185	ng/ul	0.00
73) Anthracene-d10	17.151	188	1908861	36.457	ng/ul	0.00
81) Pyrene-d10	19.410	212	2077813	37.927	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.339	264	1967022	36.304	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.128	88	7186	2.817	ng/uL#	1
10) Bis(2-Chloroethyl)ether	7.040	93	85403	5.207	ng/ul	88
12) 2-Chlorophenol	7.181	128	17550	1.112	ng/ul#	1
13) 2-Methylphenol	8.069	108	24191	1.600	ng/ul	95
16) Acetophenone	8.434	105	38483	1.548	ng/ul#	65
18) 4-Methylphenol	8.422	108	61780	3.809	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.822	93	25843	1.053	ng/ul#	1
29) 2,4-Dichlorophenol	10.122	162	22595	1.514	ng/ul#	13
30) Naphthalene	10.410	128	123270	2.102	ng/ul#	1
34) Caprolactam	11.381	113	56366	12.748	ng/ul#	43
43) 1,1'-Biphenyl	13.116	154	130080	2.696	ng/ul#	51
45) 2-Nitroaniline	13.346	65	13923	1.608	ng/ul#	36
47) Dimethylphthalate	13.728	163	207582	4.970	ng/ul#	38
48) 2,6-Dinitrotoluene	13.869	165	71814	11.455	ng/ul#	1
57) 2,4-Dinitrotoluene	14.651	165	24462	2.478	ng/ul#	31

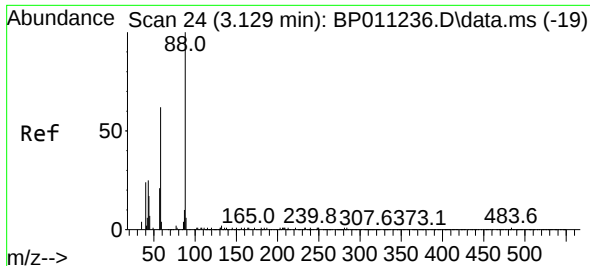
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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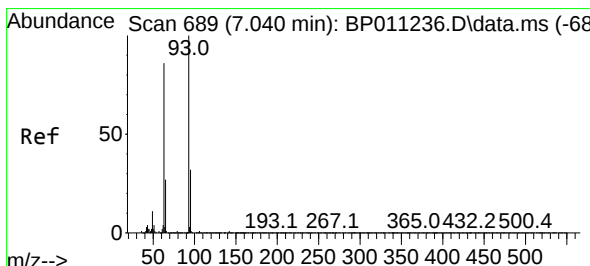
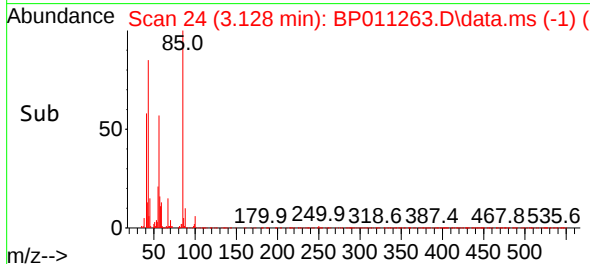
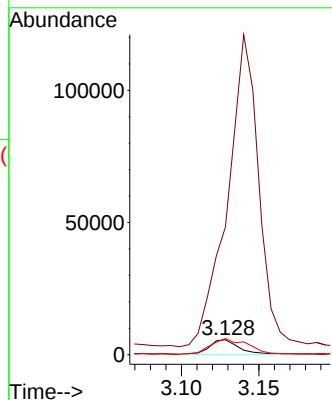
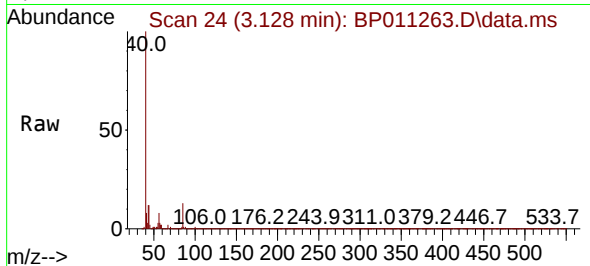




#2
 1,4-Dioxane
 Concen: 2.817 ng/uL
 RT: 3.128 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BP011263.D
 Acq: 04 Aug 2022 14:20

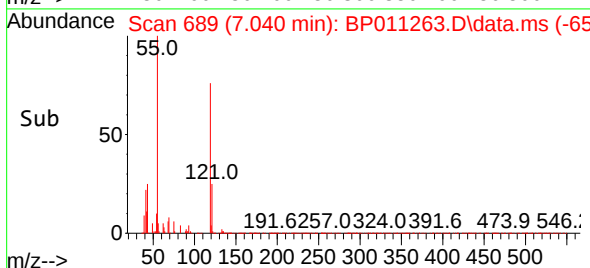
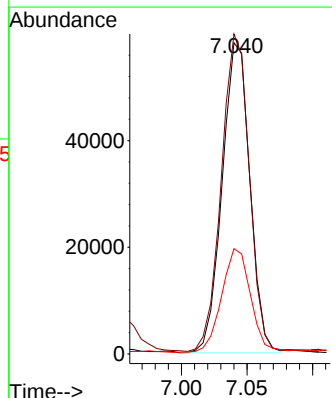
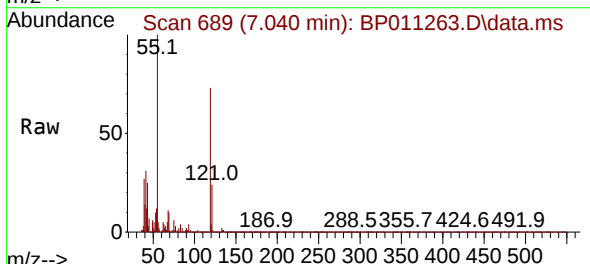
Instrument :
 BNA_P
 ClientSampleId :
 EXF05

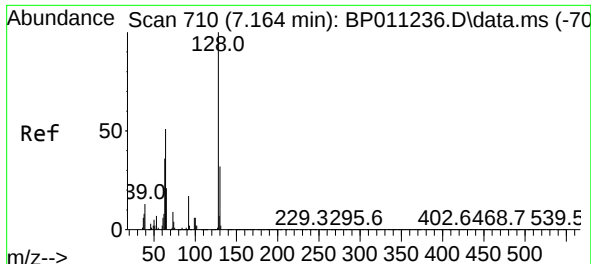
Tgt Ion: 88 Resp: 7186
 Ion Ratio Lower Upper
 88 100
 43 857.6 29.6 44.4#
 58 108.6 49.1 73.7#



#10
 Bis(2-Chloroethyl)ether
 Concen: 5.207 ng/uL
 RT: 7.040 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: BP011263.D
 Acq: 04 Aug 2022 14:20

Tgt Ion: 93 Resp: 85403
 Ion Ratio Lower Upper
 93 100
 63 102.8 71.0 106.6
 95 33.8 26.0 39.0

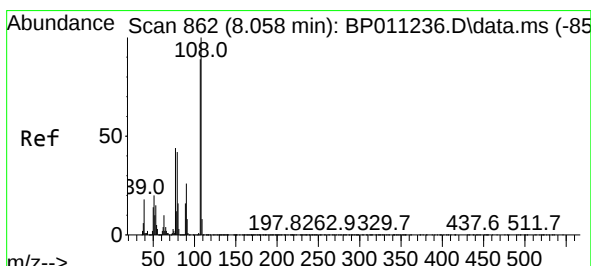
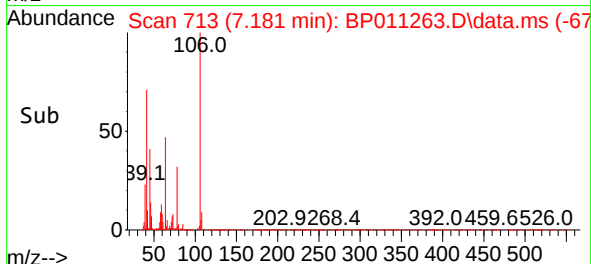
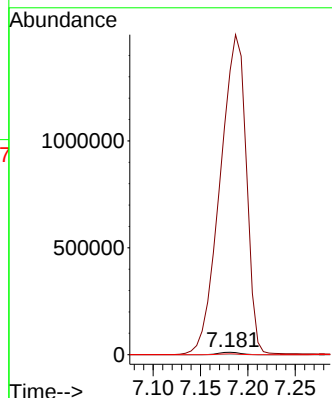
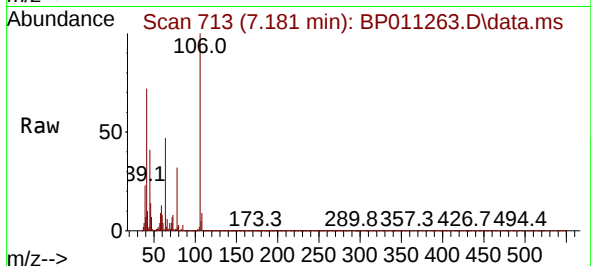




#12
2-Chlorophenol
Concen: 1.112 ng/ul
RT: 7.181 min Scan# 710
Delta R.T. 0.012 min
Lab File: BP011263.D
Acq: 04 Aug 2022 14:20

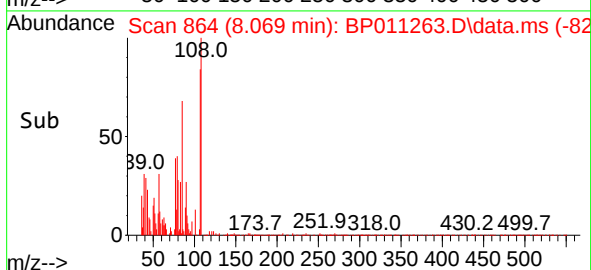
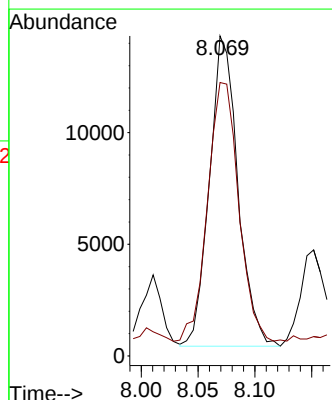
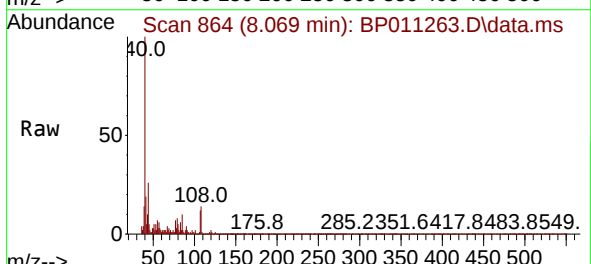
Instrument :
BNA_P
ClientSampleId :
EXF05

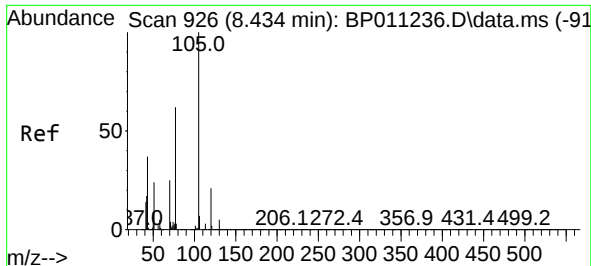
Tgt Ion:128 Resp: 17550
Ion Ratio Lower Upper
128 100
64 11720.3 43.8 65.6#
130 33.8 25.4 38.2



#13
2-Methylphenol
Concen: 1.600 ng/ul
RT: 8.069 min Scan# 864
Delta R.T. 0.012 min
Lab File: BP011263.D
Acq: 04 Aug 2022 14:20

Tgt Ion:108 Resp: 24191
Ion Ratio Lower Upper
108 100
107 85.4 71.8 107.6

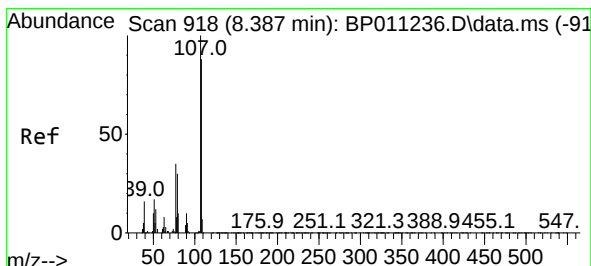
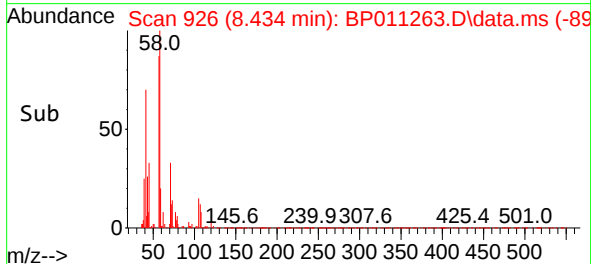
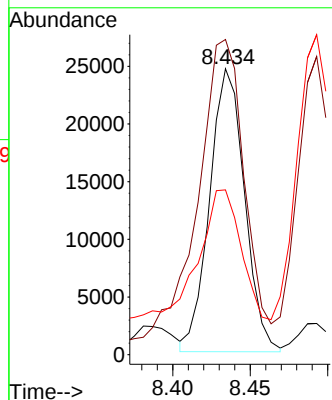
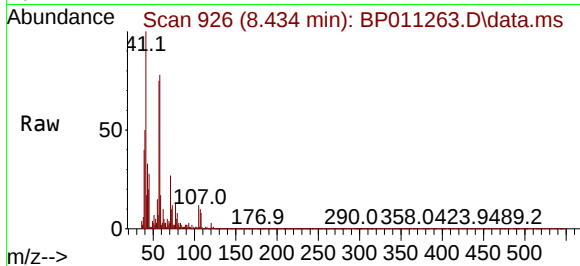




#16
Acetophenone
Concen: 1.548 ng/ul
RT: 8.434 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP011263.D
Acq: 04 Aug 2022 14:20

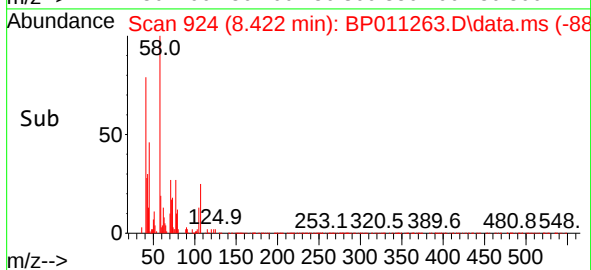
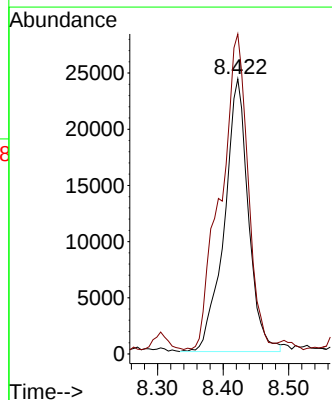
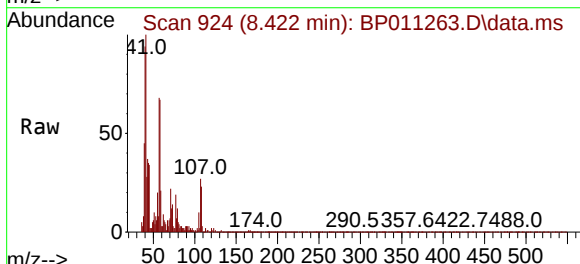
Instrument :
BNA_P
ClientSampleId :
EXF05

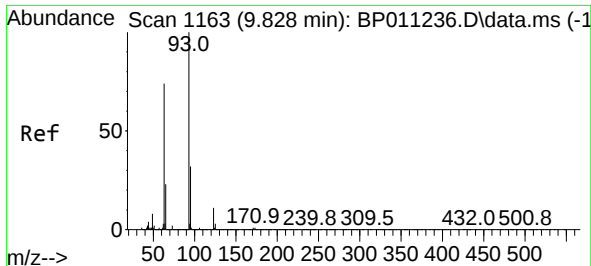
Tgt Ion:105 Resp: 38483
Ion Ratio Lower Upper
105 100
77 110.3 65.4 98.0#
51 57.7 26.5 39.7#



#18
4-Methylphenol
Concen: 3.809 ng/ul
RT: 8.422 min Scan# 924
Delta R.T. 0.029 min
Lab File: BP011263.D
Acq: 04 Aug 2022 14:20

Tgt Ion:108 Resp: 61780
Ion Ratio Lower Upper
108 100
107 116.4 88.2 132.4





#27

Bis(2-Chloroethoxy)methane

Concen: 1.053 ng/ul

RT: 9.822 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BP011263.D

Acq: 04 Aug 2022 14:20

Instrument :

BNA_P

ClientSampleId :

EXF05

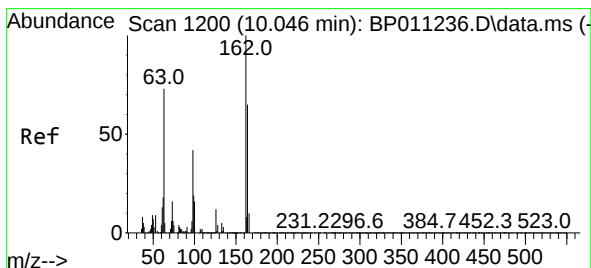
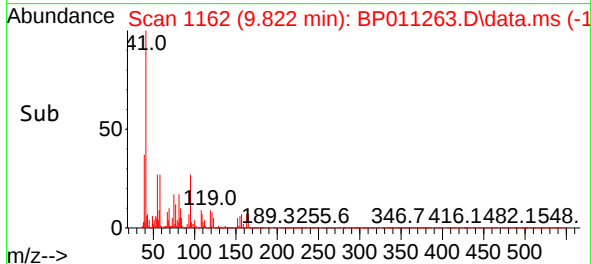
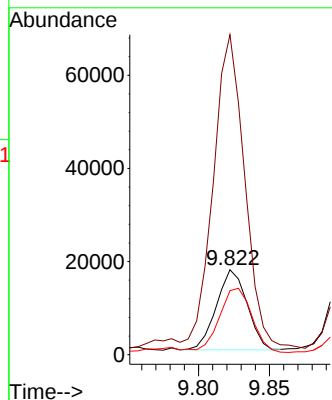
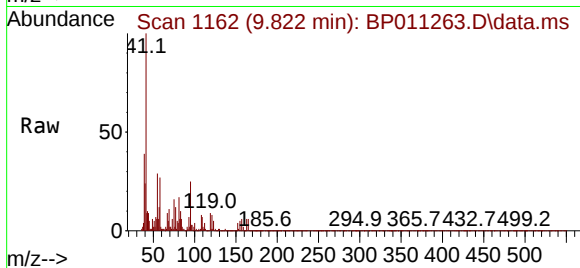
Tgt Ion: 93 Resp: 25843

Ion Ratio Lower Upper

93 100

95 376.8 25.2 37.8#

123 75.3 8.4 12.6#



#29

2,4-Dichlorophenol

Concen: 1.514 ng/ul

RT: 10.122 min Scan# 1213

Delta R.T. 0.071 min

Lab File: BP011263.D

Acq: 04 Aug 2022 14:20

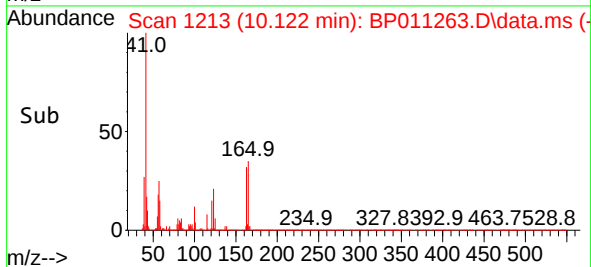
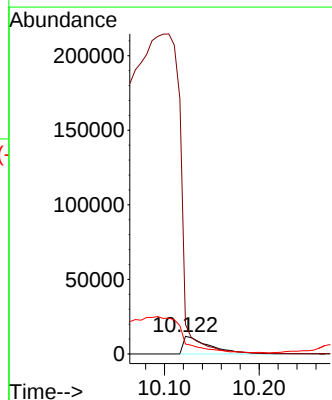
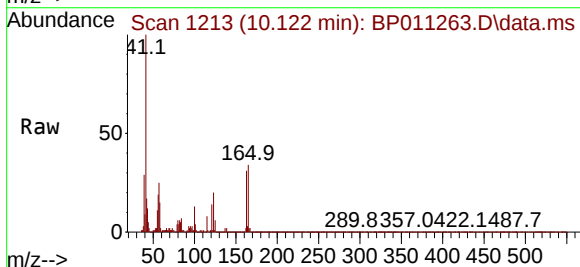
Tgt Ion:162 Resp: 22595

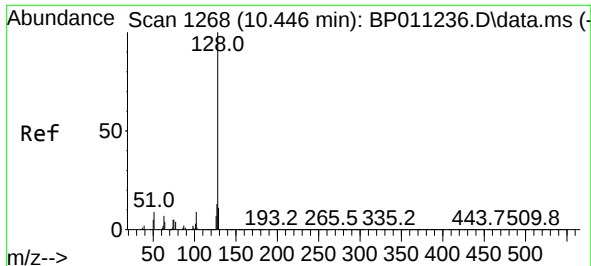
Ion Ratio Lower Upper

162 100

164 168.7 52.6 79.0#

98 56.8 34.2 51.4#

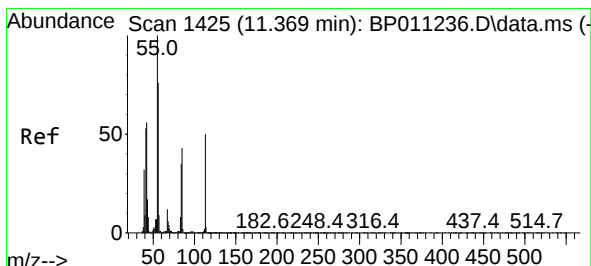
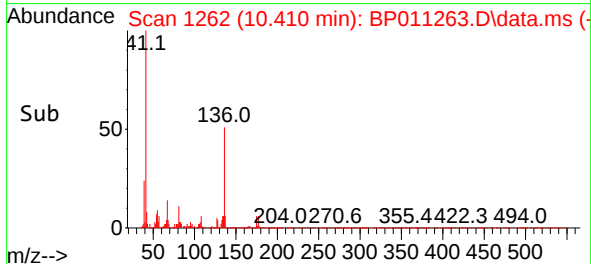
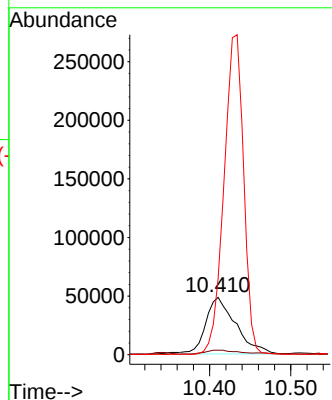
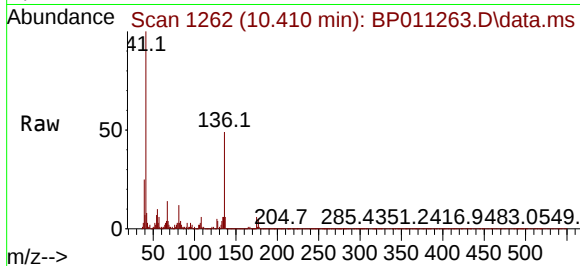




#30
Naphthalene
Concen: 2.102 ng/ul
RT: 10.410 min Scan# 1262
Delta R.T. -0.035 min
Lab File: BP011263.D
Acq: 04 Aug 2022 14:20

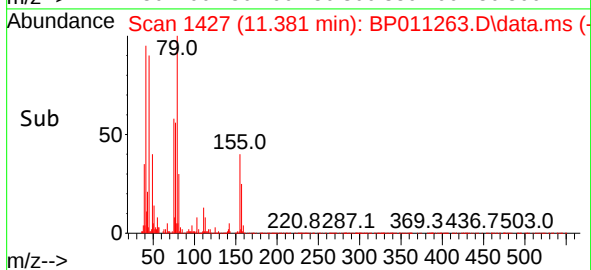
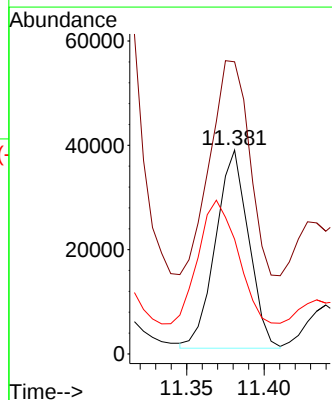
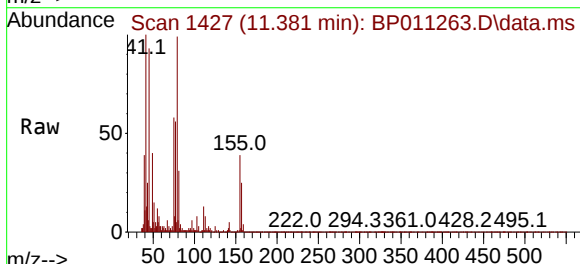
Instrument :
BNA_P
ClientSampleId :
EXF05

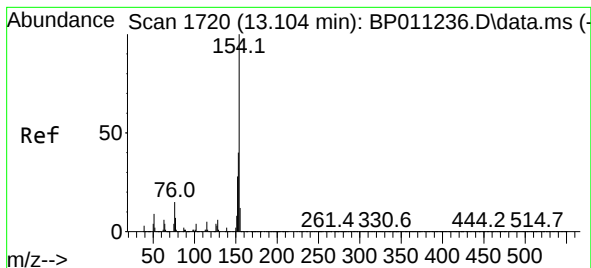
Tgt Ion:128 Resp: 123270
Ion Ratio Lower Upper
128 100
129 7.8 9.0 13.4#
127 132.7 10.4 15.6#



#34
Caprolactam
Concen: 12.748 ng/ul
RT: 11.381 min Scan# 1427
Delta R.T. 0.012 min
Lab File: BP011263.D
Acq: 04 Aug 2022 14:20

Tgt Ion:113 Resp: 56366
Ion Ratio Lower Upper
113 100
55 143.4 164.2 246.4#
56 56.3 127.0 190.6#





#43

1,1'-Biphenyl

Concen: 2.696 ng/ul

RT: 13.116 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP011263.D

Acq: 04 Aug 2022 14:20

Instrument :

BNA_P

ClientSampleId :

EXF05

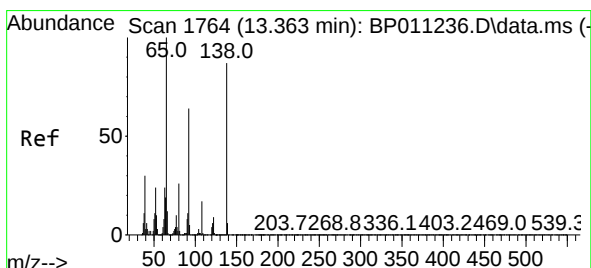
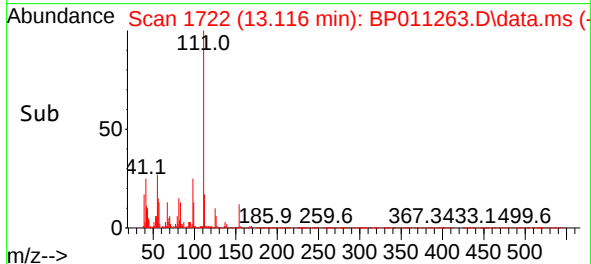
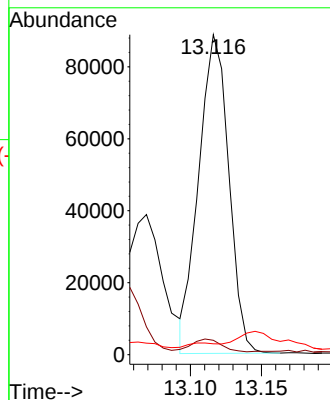
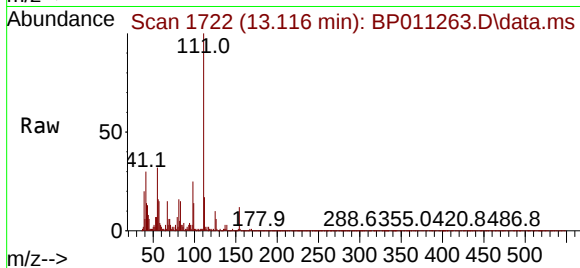
Tgt Ion:154 Resp: 130080

Ion Ratio Lower Upper

154 100

153 4.5 31.9 47.9#

76 3.4 12.2 18.2#



#45

2-Nitroaniline

Concen: 1.608 ng/ul

RT: 13.346 min Scan# 1761

Delta R.T. -0.018 min

Lab File: BP011263.D

Acq: 04 Aug 2022 14:20

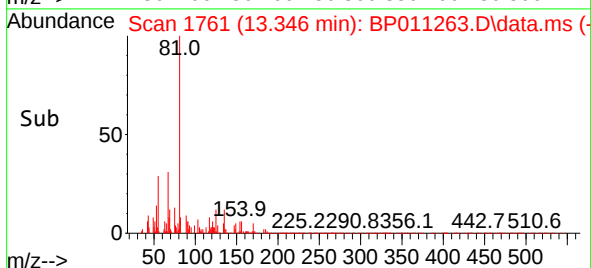
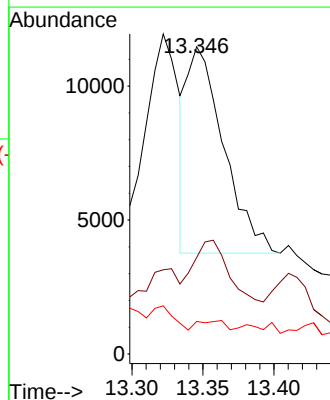
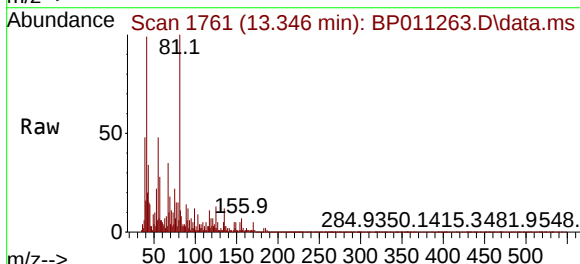
Tgt Ion: 65 Resp: 13923

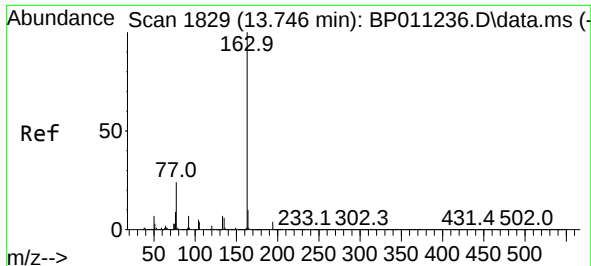
Ion Ratio Lower Upper

65 100

92 31.4 51.4 77.2#

138 10.6 67.4 101.0#

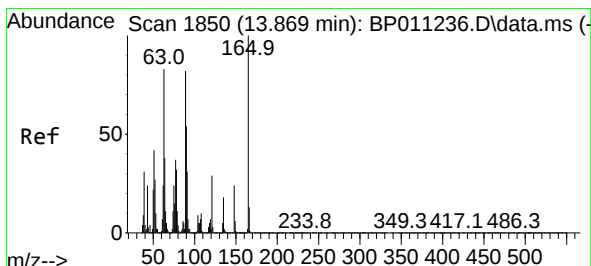
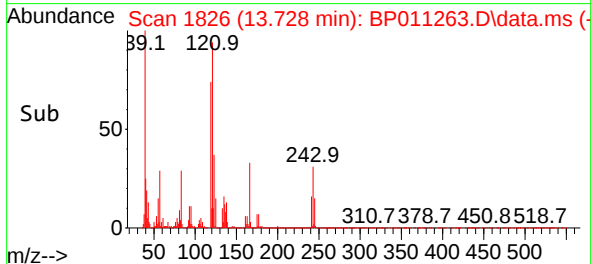
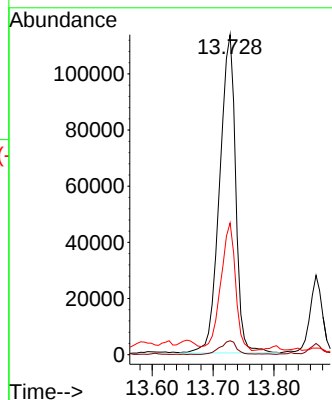
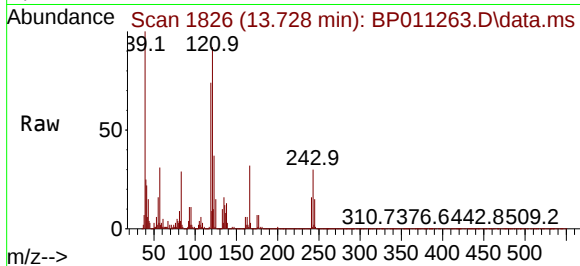




#47
Dimethylphthalate
Concen: 4.970 ng/ul
RT: 13.728 min Scan# 1826
Delta R.T. -0.018 min
Lab File: BP011263.D
Acq: 04 Aug 2022 14:20

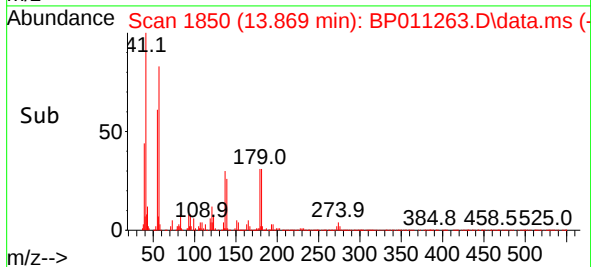
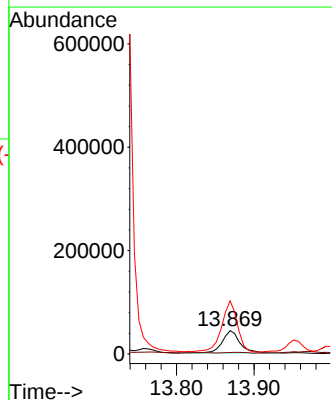
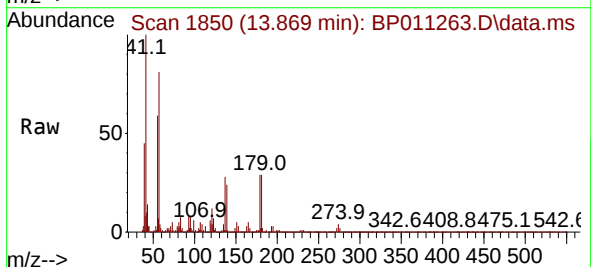
Instrument :
BNA_P
ClientSampleId :
EXF05

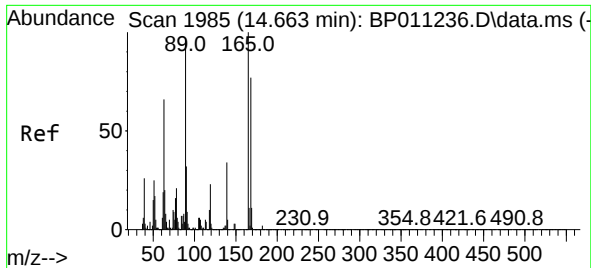
Tgt Ion:163 Resp: 207582
Ion Ratio Lower Upper
163 100
194 4.4 2.9 4.3#
164 41.2 8.2 12.4#



#48
2,6-Dinitrotoluene
Concen: 11.455 ng/ul
RT: 13.869 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BP011263.D
Acq: 04 Aug 2022 14:20

Tgt Ion:165 Resp: 71814
Ion Ratio Lower Upper
165 100
89 6.2 65.8 98.6#
121 227.9 24.2 36.2#





#57
 2,4-Dinitrotoluene
 Concen: 2.478 ng/ul
 RT: 14.651 min Scan# 1983
 Delta R.T. -0.012 min
 Lab File: BP011263.D
 Acq: 04 Aug 2022 14:20

Instrument :
 BNA_P
 ClientSampleId :
 EXF05

Tgt Ion:165 Resp: 24462
 Ion Ratio Lower Upper
 165 100
 63 7.4 50.6 75.8#
 182 2.1 2.2 3.2#

