

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
 Data File : BP011261.D
 Acq On : 04 Aug 2022 13:11
 Operator : CG/JU
 Sample : N3956-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 04 22:53:43 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)

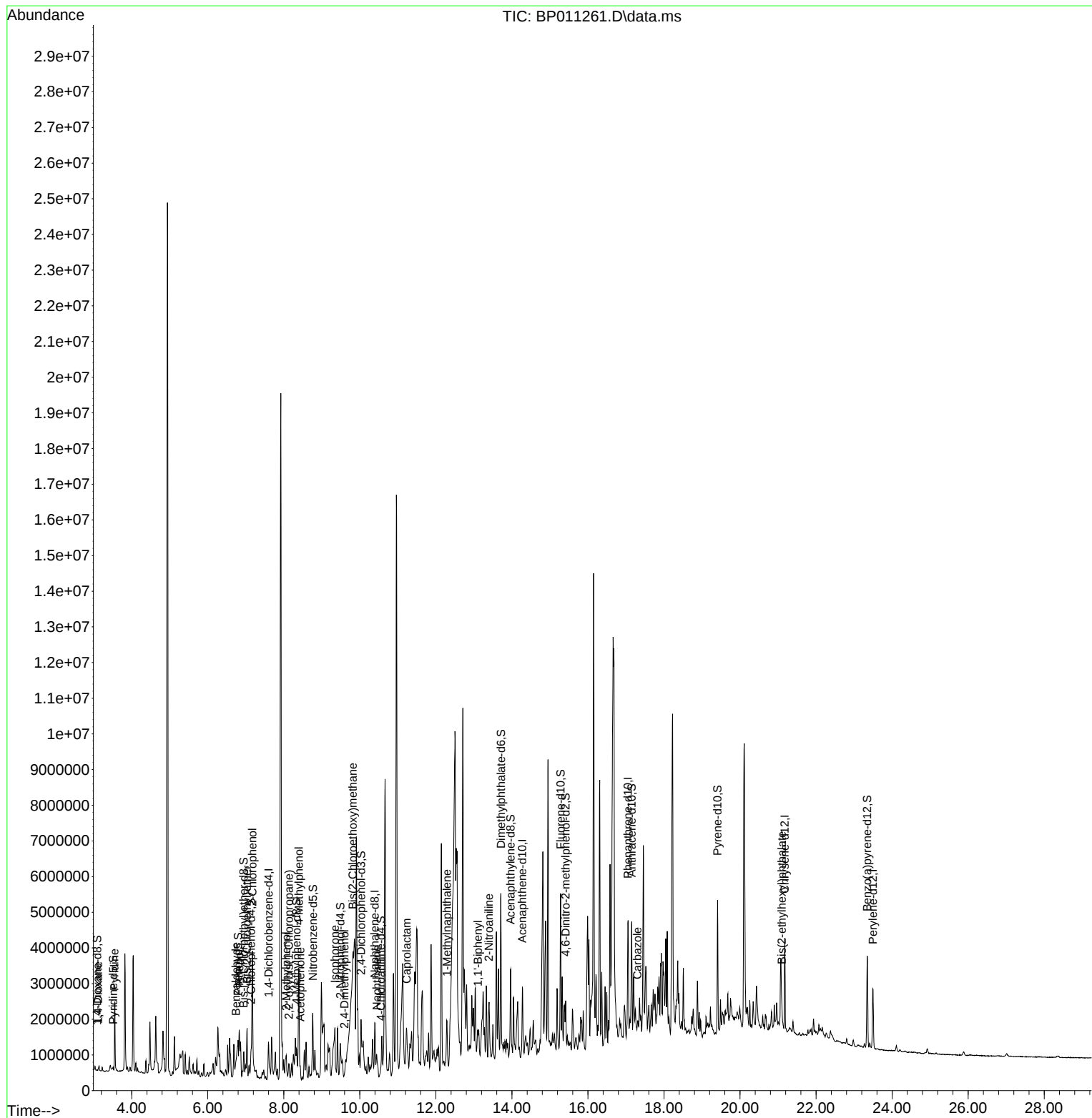
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	217002	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	1030052	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.275	164	613099	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	1174234	20.000	ng/ul	0.00
79) Chrysene-d12	21.174	240	1078029	20.000	ng/ul	0.00
88) Perylene-d12	23.492	264	1086616	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	5397	2.011	ng/uL	0.00
4) Pyridine-d5	3.517	84	26436	3.652	ng/ul	0.01
7) Phenol-d5	6.799	99	137020	7.577	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.946	67	311340	23.859	ng/ul	0.00
11) 2-Chlorophenol-d4	7.140	132	290152	19.684	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	265913	17.870	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	191295	25.820	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	177334	25.535	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	344579	26.019	ng/ul	0.01
31) 4-Chloroaniline-d4	10.557	131	66813	3.261	ng/ul	0.01
46) Dimethylphthalate-d6	13.710	166	1218182	29.010	ng/ul	0.01
49) Acenaphthylene-d8	13.969	160	1495525	28.307	ng/ul	0.00
54) 4-Nitrophenol-d4	14.492	143	616	0.086	ng/ul	-0.01
60) Fluorene-d10	15.281	176	1022764	28.625	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	149374	27.396	ng/ul	0.00
73) Anthracene-d10	17.151	188	1554226	30.117	ng/ul	0.00
81) Pyrene-d10	19.410	212	1705244	31.286	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.345	264	1622928	29.972	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.122	88	15136	6.115	ng/uL#	36
5) Pyridine	3.546	79	11056	1.508	ng/ul#	3
6) Benzaldehyde	6.746	77	10965	1.240	ng/ul#	1
8) Phenol	6.828	94	543315	28.018	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.034	93	17304	1.088	ng/ul#	86
12) 2-Chlorophenol	7.175	128	203265	13.276	ng/ul#	26
13) 2-Methylphenol	8.063	108	197611	13.468	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.134	45	56928	2.100	ng/ul#	79
16) Acetophenone	8.434	105	96795	4.014	ng/ul	92
18) 4-Methylphenol	8.399	108	1034763	65.760	ng/ul	87
23) Isophorone	9.346	82	70844	1.961	ng/ul#	76
26) 2,4-Dimethylphenol	9.599	107	32258	1.774	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.816	93	24738	1.088	ng/ul#	1
30) Naphthalene	10.446	128	178964	3.291	ng/ul	97
34) Caprolactam	11.228	113	61853	15.088	ng/ul	81
37) 1-Methylnaphthalene	12.293	142	335564	9.831	ng/ul	100
43) 1,1'-Biphenyl	13.104	154	79777	1.630	ng/ul	95
45) 2-Nitroaniline	13.392	65	15160	1.727	ng/ul#	54
77) Carbazole	17.298	167	86751	1.513	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.104	149	50662	1.116	ng/ul	93

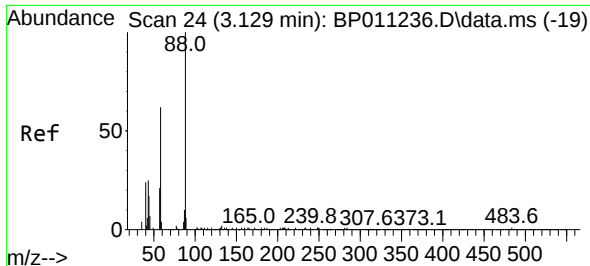
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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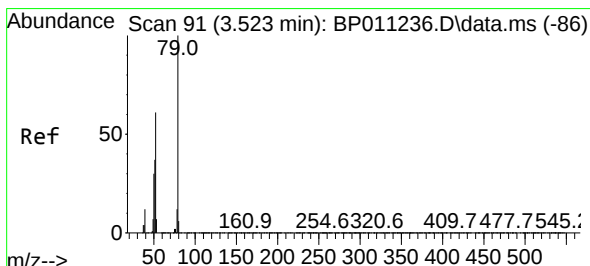
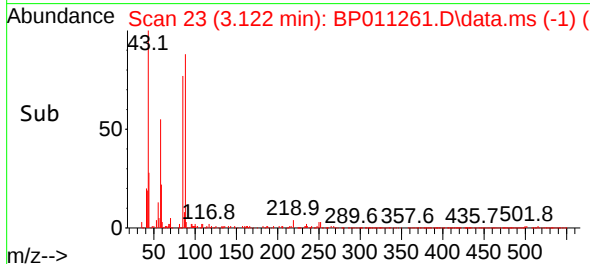
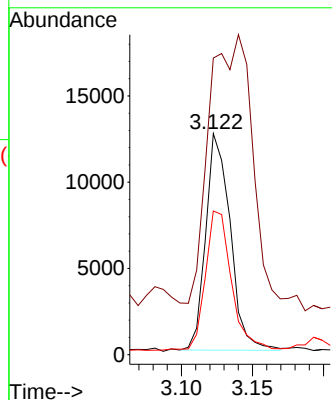
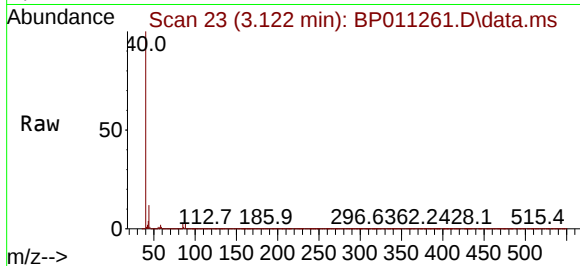




#2
 1,4-Dioxane
 Concen: 6.115 ng/uL
 RT: 3.122 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP011261.D
 Acq: 04 Aug 2022 13:11

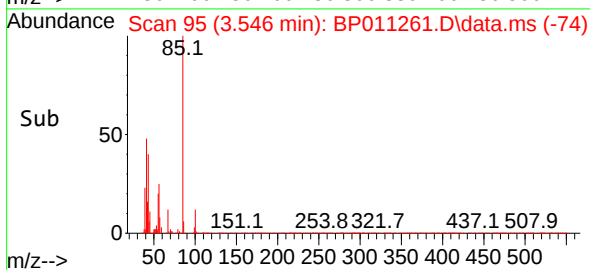
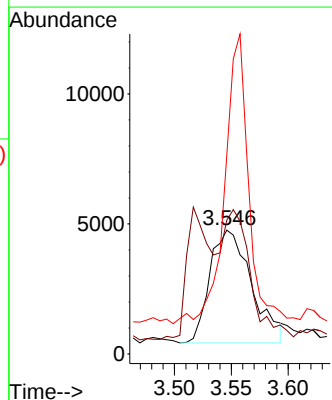
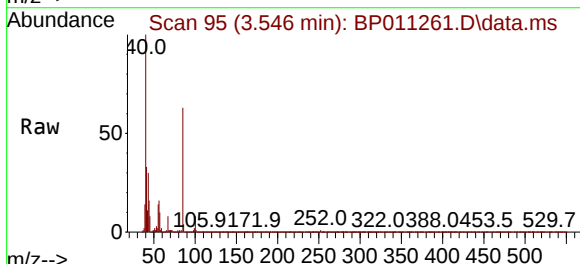
Instrument :
 BNA_P
 ClientSampleId :

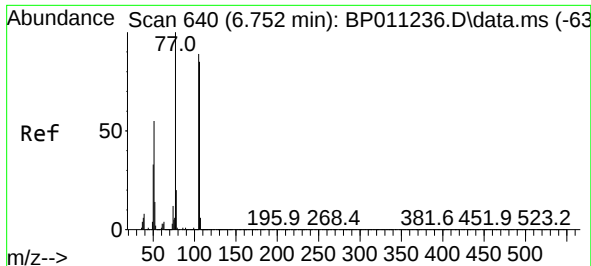
Tgt Ion: 88 Resp: 15136
 Ion Ratio Lower Upper
 88 100
 43 134.1 29.6 44.4#
 58 64.9 49.1 73.7



#5
 Pyridine
 Concen: 1.508 ng/uL
 RT: 3.546 min Scan# 95
 Delta R.T. 0.023 min
 Lab File: BP011261.D
 Acq: 04 Aug 2022 13:11

Tgt Ion: 79 Resp: 11056
 Ion Ratio Lower Upper
 79 100
 52 108.0 57.8 86.6#
 51 160.0 31.5 47.3#

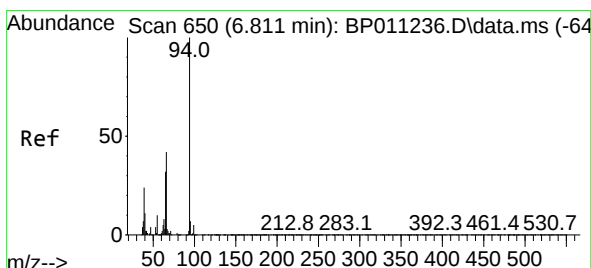
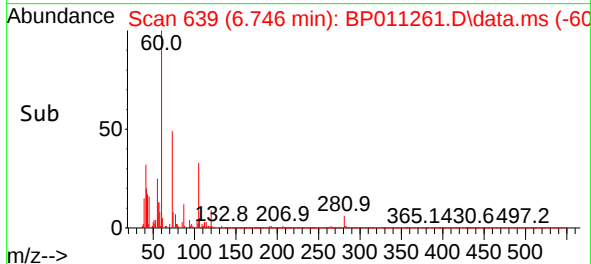
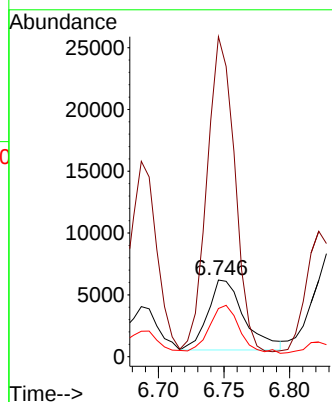
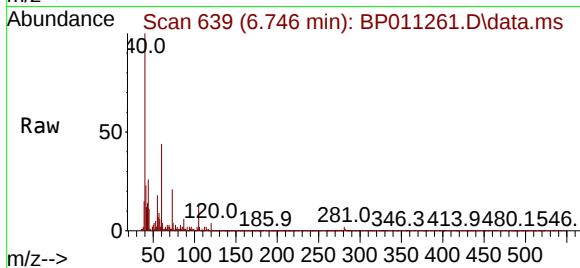




#6
Benzaldehyde
Concen: 1.240 ng/ul
RT: 6.746 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP011261.D
Acq: 04 Aug 2022 13:11

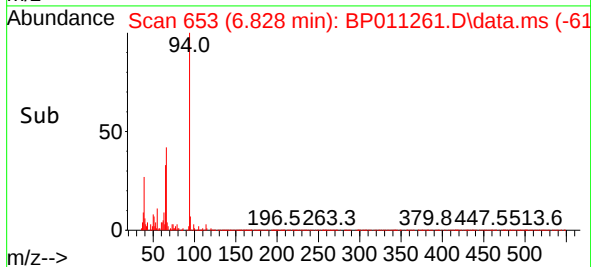
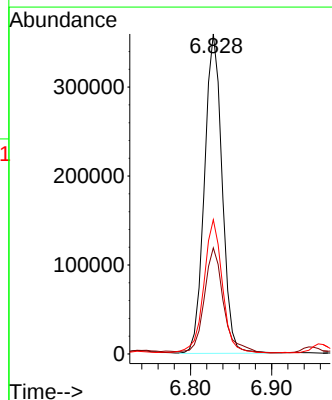
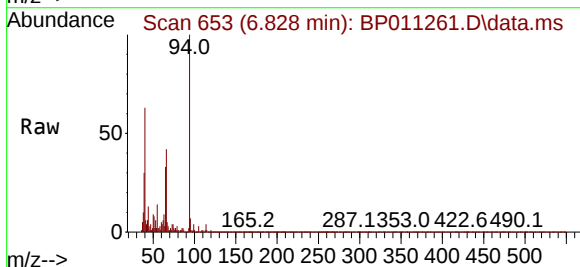
Instrument :
BNA_P
ClientSampleId :

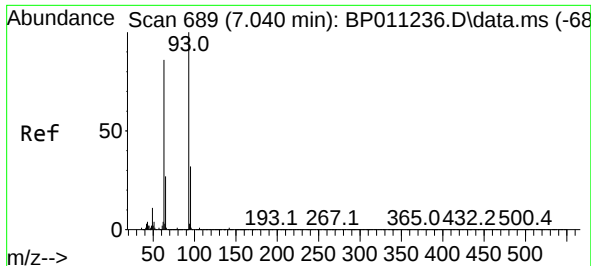
Tgt Ion: 77 Resp: 10965
Ion Ratio Lower Upper
77 100
105 417.8 72.0 108.0#
106 62.8 69.4 104.0#



#8
Phenol
Concen: 28.018 ng/ul
RT: 6.828 min Scan# 653
Delta R.T. 0.012 min
Lab File: BP011261.D
Acq: 04 Aug 2022 13:11

Tgt Ion: 94 Resp: 543315
Ion Ratio Lower Upper
94 100
65 33.2 24.7 37.1
66 41.9 32.6 49.0





#10

Bis(2-Chloroethyl)ether

Concen: 1.088 ng/ul

RT: 7.034 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP011261.D

Acq: 04 Aug 2022 13:11

Instrument :

BNA_P

ClientSampleId :

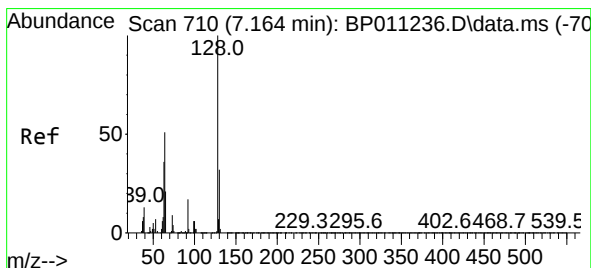
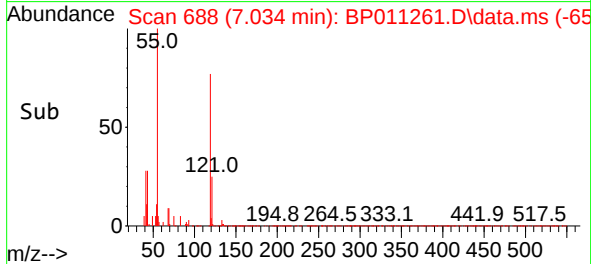
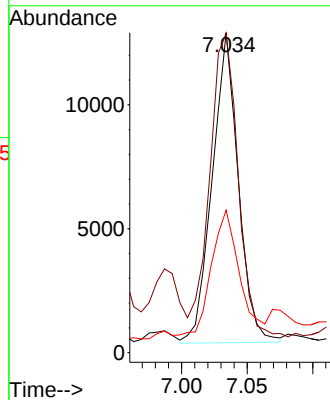
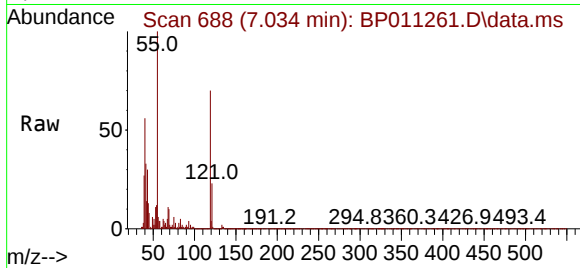
Tgt Ion: 93 Resp: 17304

Ion Ratio Lower Upper

93 100

63 99.8 71.0 106.6

95 44.5 26.0 39.0#



#12

2-Chlorophenol

Concen: 13.276 ng/ul

RT: 7.175 min Scan# 712

Delta R.T. 0.006 min

Lab File: BP011261.D

Acq: 04 Aug 2022 13:11

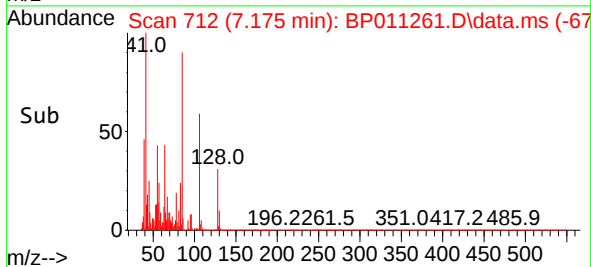
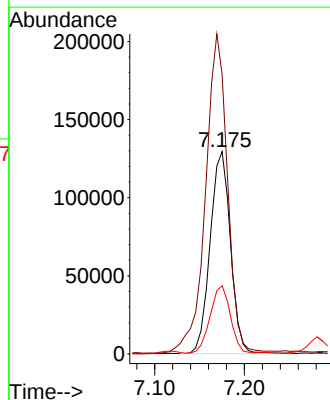
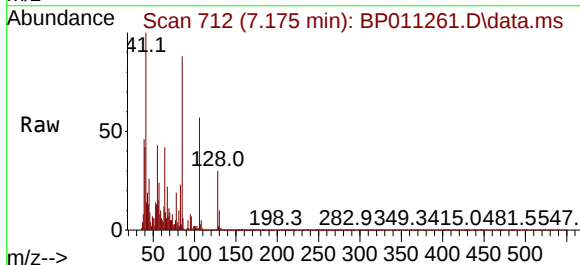
Tgt Ion:128 Resp: 203265

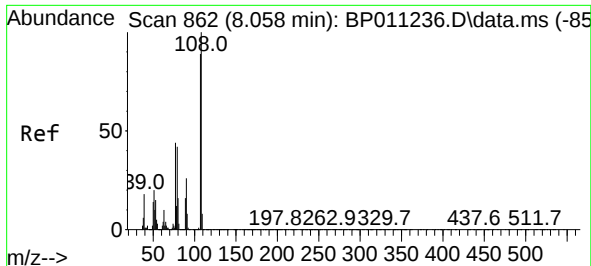
Ion Ratio Lower Upper

128 100

64 138.1 43.8 65.6#

130 33.7 25.4 38.2





#13

2-Methylphenol

Concen: 13.468 ng/ul

RT: 8.063 min Scan# 80

Delta R.T. 0.006 min

Lab File: BP011261.D

Acq: 04 Aug 2022 13:11

Instrument :

BNA_P

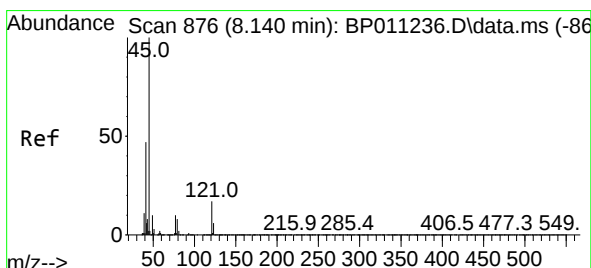
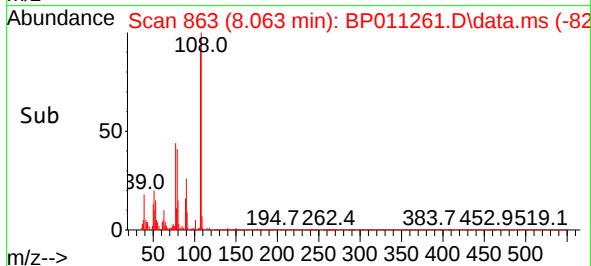
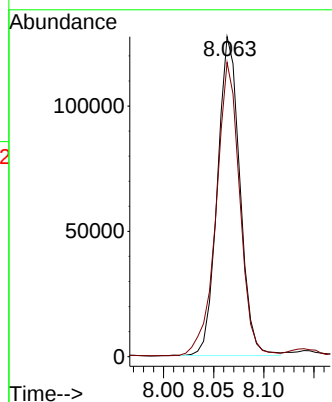
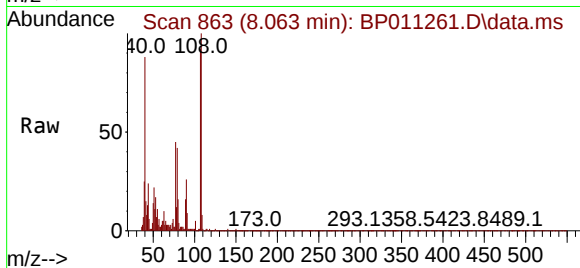
ClientSampleId :

Tgt Ion:108 Resp: 197611

Ion Ratio Lower Upper

108 100

107 92.0 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 2.100 ng/ul

RT: 8.134 min Scan# 875

Delta R.T. -0.000 min

Lab File: BP011261.D

Acq: 04 Aug 2022 13:11

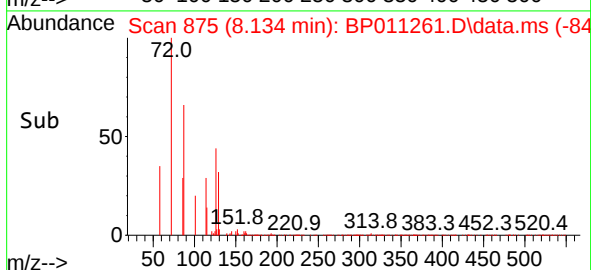
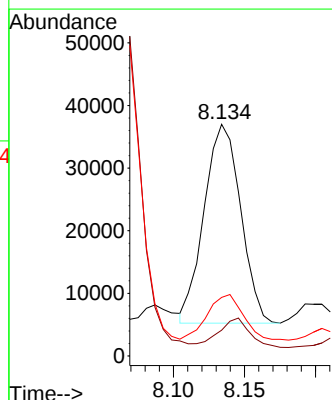
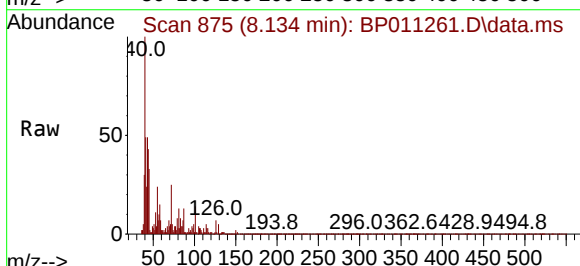
Tgt Ion: 45 Resp: 56928

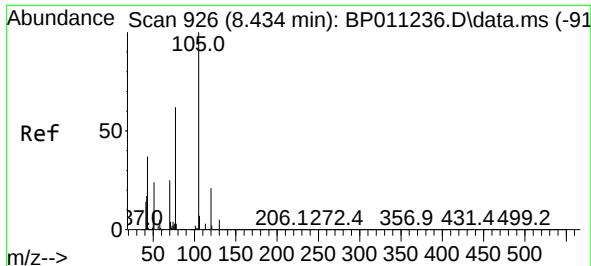
Ion Ratio Lower Upper

45 100

77 11.1 9.9 14.9

79 25.3 7.2 10.8#

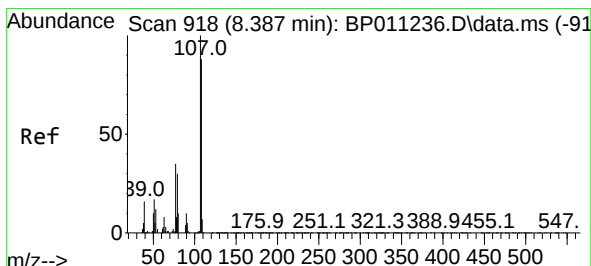
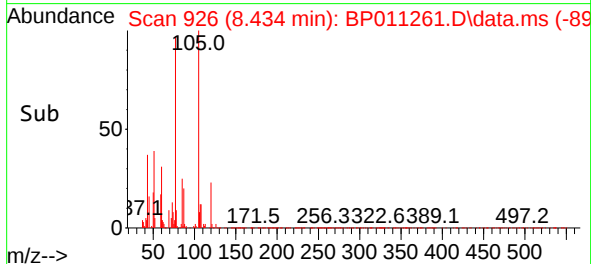
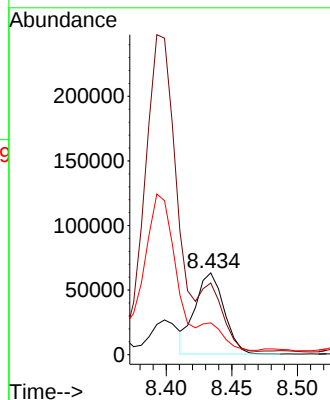
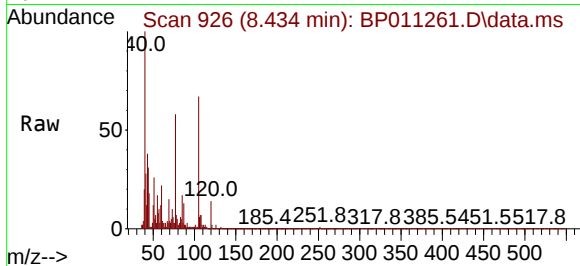




#16
Acetophenone
Concen: 4.014 ng/ul
RT: 8.434 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP011261.D
Acq: 04 Aug 2022 13:11

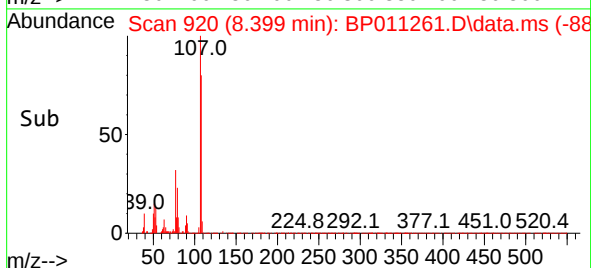
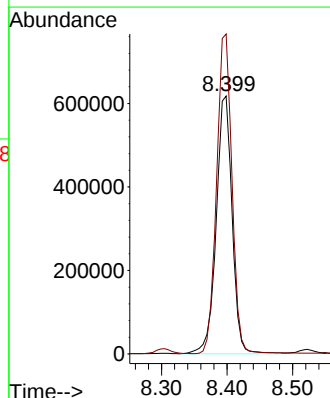
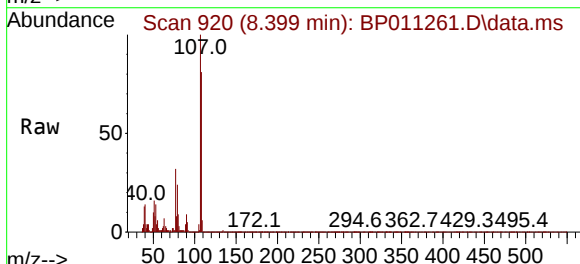
Instrument :
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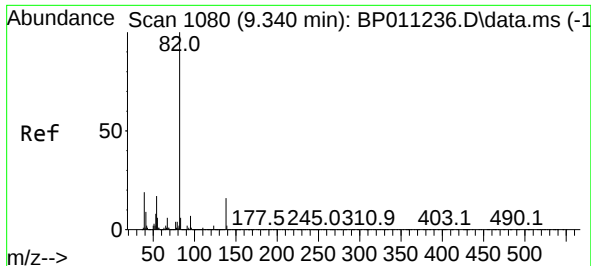
Tgt Ion	Ratio	Lower	Upper
105	100		
77	87.6	65.4	98.0
51	38.9	26.5	39.7



#18
4-Methylphenol
Concen: 65.760 ng/ul
RT: 8.399 min Scan# 920
Delta R.T. 0.006 min
Lab File: BP011261.D
Acq: 04 Aug 2022 13:11

Tgt Ion	Ratio	Lower	Upper
108	100		
107	124.1	88.2	132.4

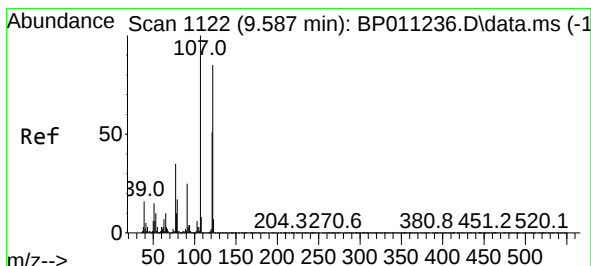
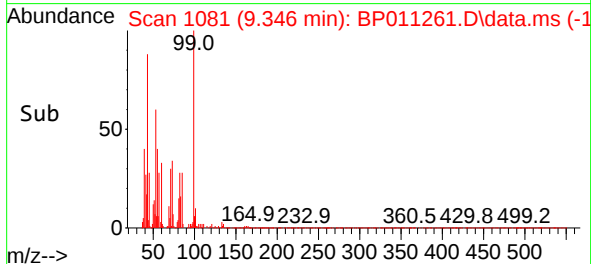
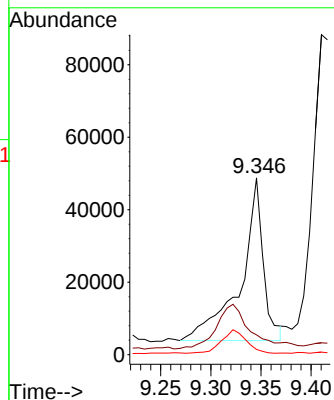
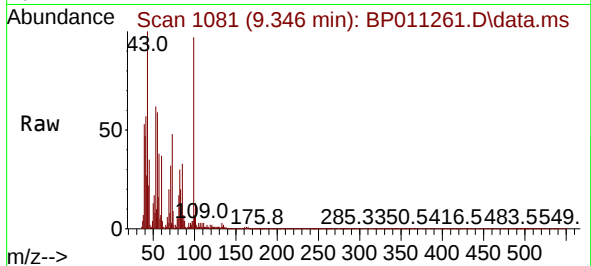




#23
Isophorone
Concen: 1.961 ng/ul
RT: 9.346 min Scan# 1080
Delta R.T. 0.006 min
Lab File: BP011261.D
Acq: 04 Aug 2022 13:11

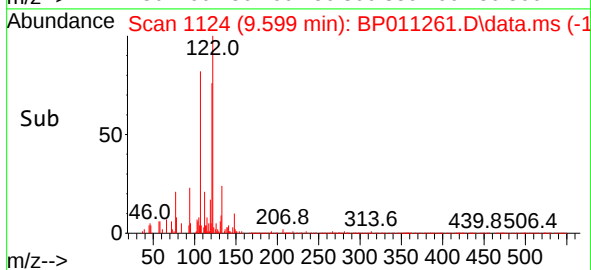
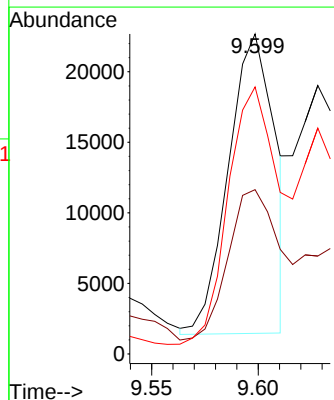
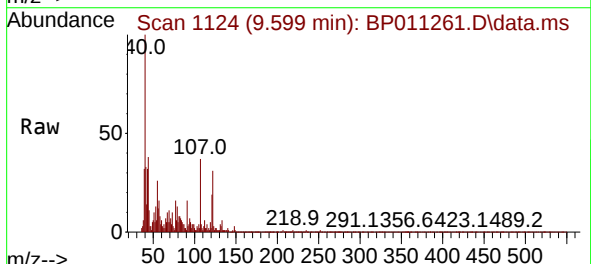
Instrument :
BNA_P
ClientSampleId :

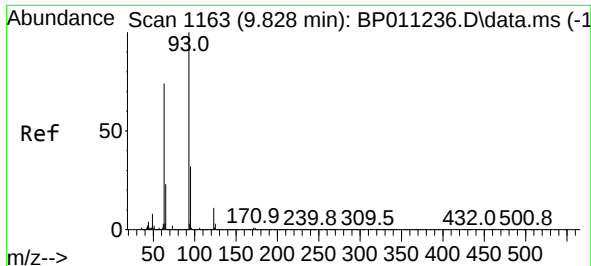
Tgt Ion: 82 Resp: 70844
Ion Ratio Lower Upper
82 100
95 11.2 5.8 8.8#
138 3.0 12.6 18.8#



#26
2,4-Dimethylphenol
Concen: 1.774 ng/ul
RT: 9.599 min Scan# 1124
Delta R.T. 0.012 min
Lab File: BP011261.D
Acq: 04 Aug 2022 13:11

Tgt Ion: 107 Resp: 32258
Ion Ratio Lower Upper
107 100
121 51.4 40.3 60.5
122 83.5 67.7 101.5





#27

Bis(2-Chloroethoxy)methane

Concen: 1.088 ng/ul

RT: 9.816 min Scan# 1161

Delta R.T. -0.012 min

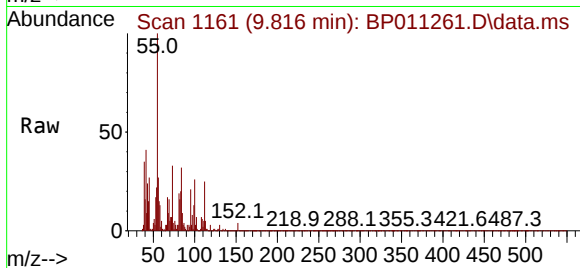
Lab File: BP011261.D

Acq: 04 Aug 2022 13:11

Instrument :

BNA_P

ClientSampleId :



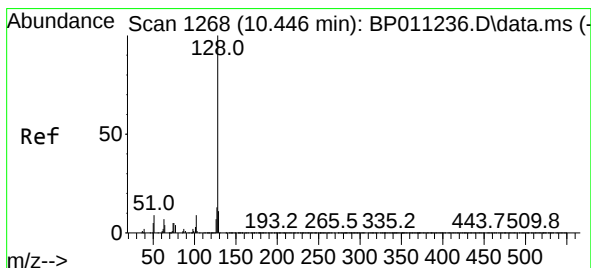
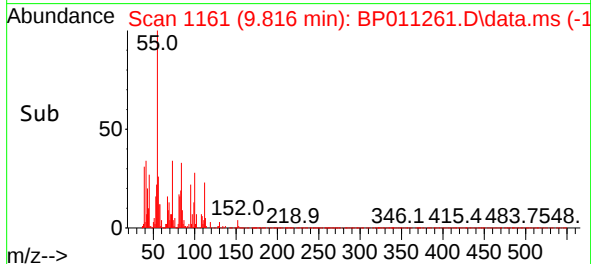
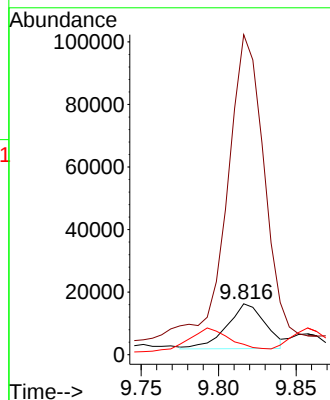
Tgt Ion: 93 Resp: 24738

Ion Ratio Lower Upper

93 100

95 628.5 25.2 37.8#

123 20.3 8.4 12.6#



#30

Naphthalene

Concen: 3.291 ng/ul

RT: 10.446 min Scan# 1268

Delta R.T. -0.000 min

Lab File: BP011261.D

Acq: 04 Aug 2022 13:11

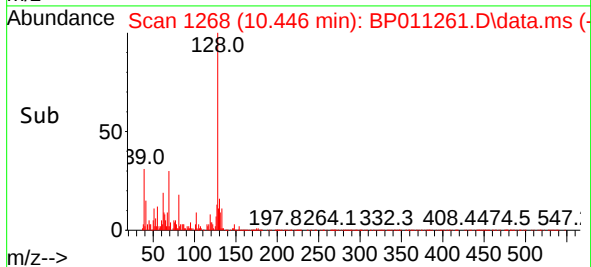
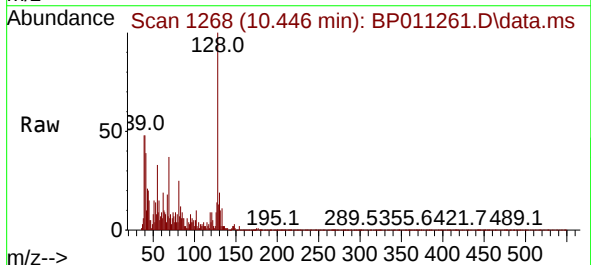
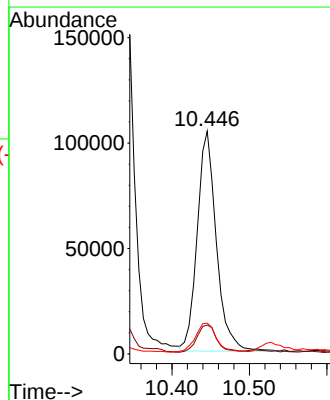
Tgt Ion:128 Resp: 178964

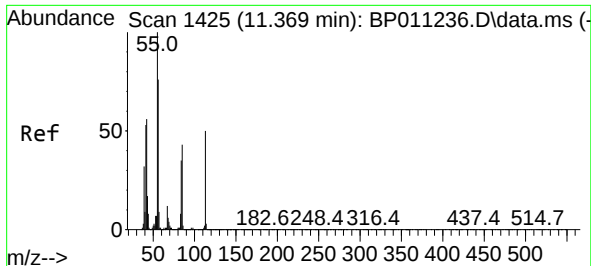
Ion Ratio Lower Upper

128 100

129 13.0 9.0 13.4

127 13.9 10.4 15.6

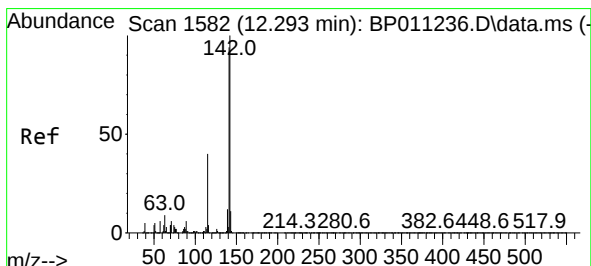
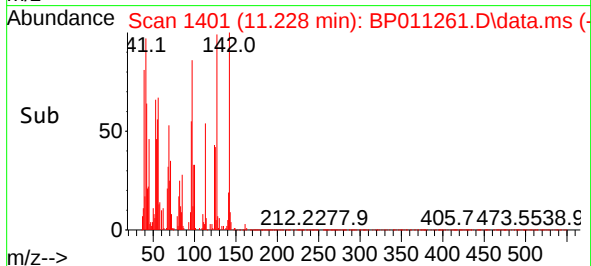
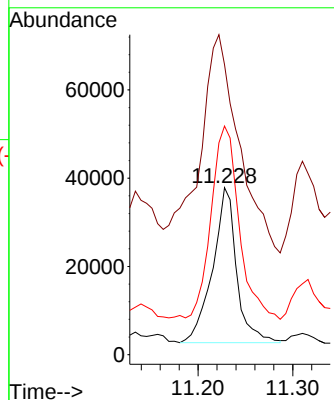
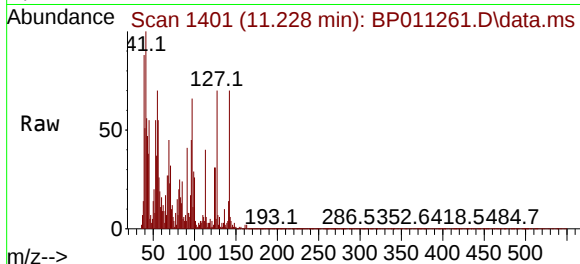




#34
Caprolactam
Concen: 15.088 ng/ul
RT: 11.228 min Scan# 1425
Delta R.T. -0.141 min
Lab File: BP011261.D
Acq: 04 Aug 2022 13:11

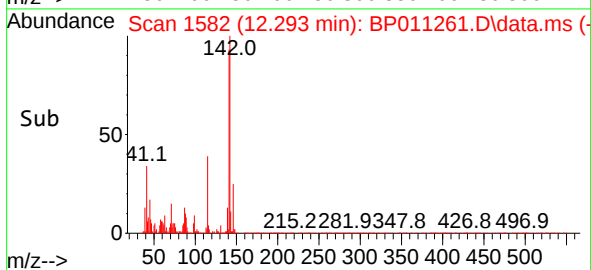
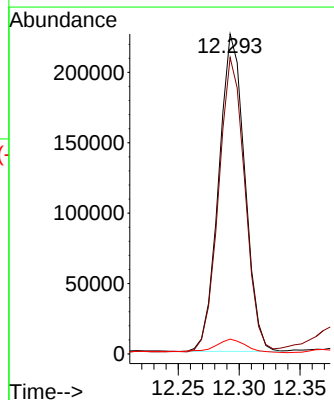
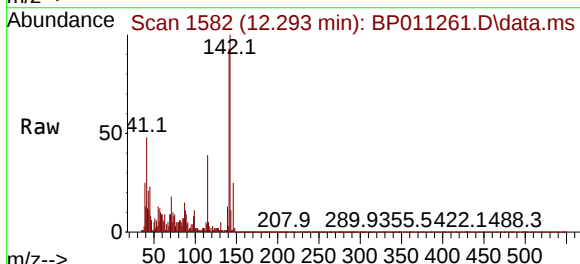
Instrument :
BNA_P
ClientSampleId :

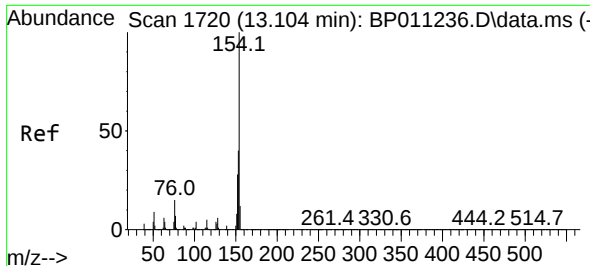
Tgt Ion:113 Resp: 61853
Ion Ratio Lower Upper
113 100
55 173.7 164.2 246.4
56 136.9 127.0 190.6



#37
1-Methylnaphthalene
Concen: 9.831 ng/ul
RT: 12.293 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP011261.D
Acq: 04 Aug 2022 13:11

Tgt Ion:142 Resp: 335564
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1
116 4.6 3.4 5.0

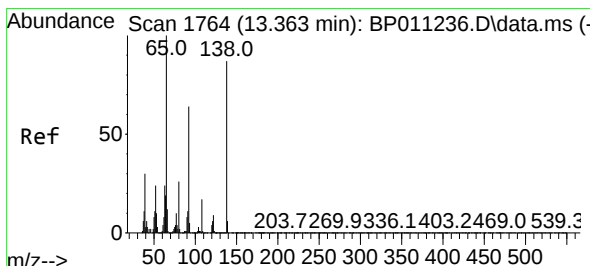
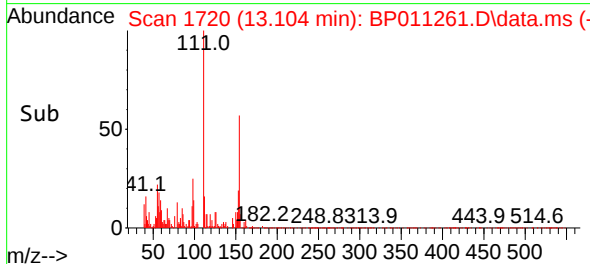
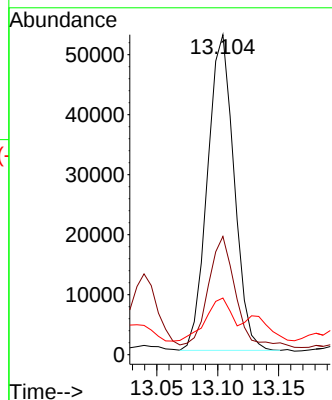
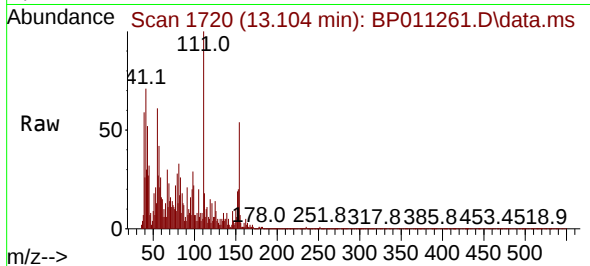




#43
1,1'-Biphenyl
Concen: 1.630 ng/ul
RT: 13.104 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BP011261.D
Acq: 04 Aug 2022 13:11

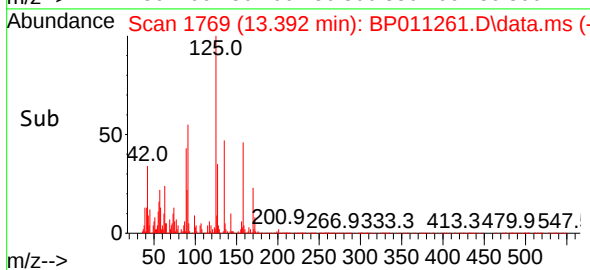
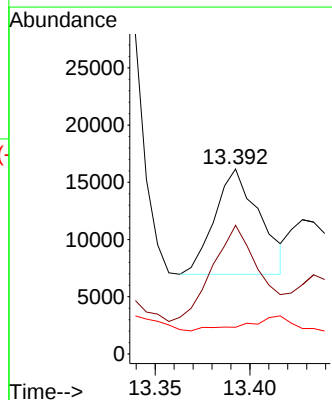
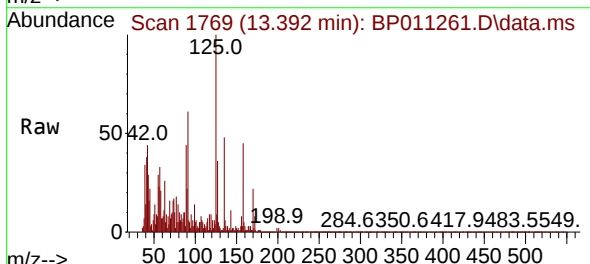
Instrument :
BNA_P
ClientSampleId :

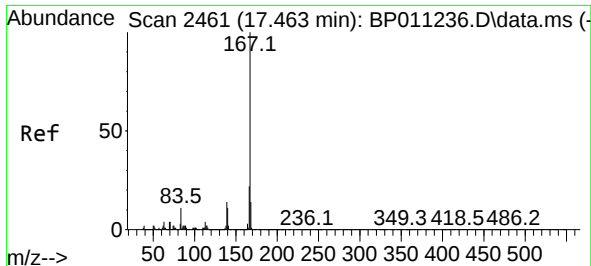
Tgt Ion:154 Resp: 79777
Ion Ratio Lower Upper
154 100
153 36.9 31.9 47.9
76 17.7 12.2 18.2



#45
2-Nitroaniline
Concen: 1.727 ng/ul
RT: 13.392 min Scan# 1769
Delta R.T. 0.029 min
Lab File: BP011261.D
Acq: 04 Aug 2022 13:11

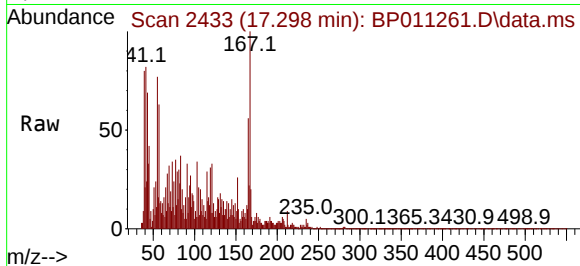
Tgt Ion: 65 Resp: 15160
Ion Ratio Lower Upper
65 100
92 69.6 51.4 77.2
138 14.5 67.4 101.0#



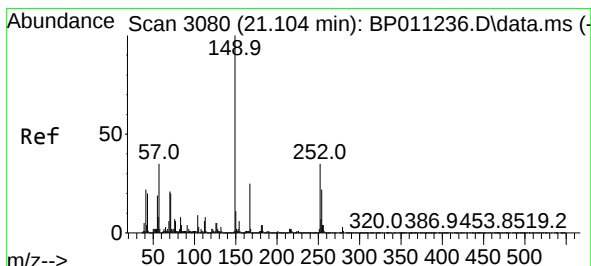
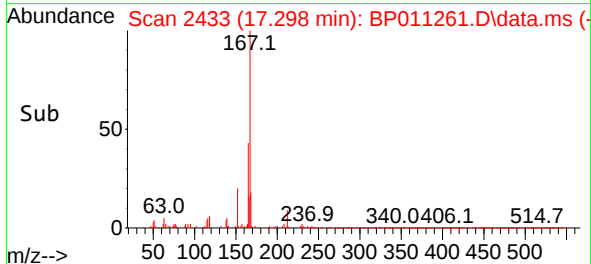
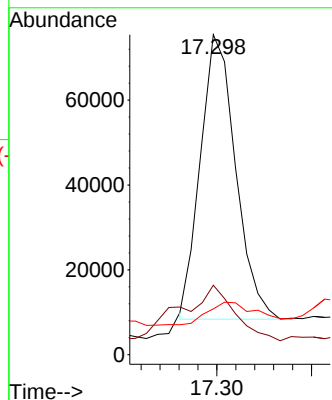


#77
 Carbazole
 Concen: 1.513 ng/ul
 RT: 17.298 min Scan# 2461
 Delta R.T. -0.165 min
 Lab File: BP011261.D
 Acq: 04 Aug 2022 13:11

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:167 Resp: 86751
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 14.3 11.5 17.3



#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.116 ng/ul
 RT: 21.104 min Scan# 3080
 Delta R.T. -0.000 min
 Lab File: BP011261.D
 Acq: 04 Aug 2022 13:11

Tgt Ion:149 Resp: 50662
 Ion Ratio Lower Upper
 149 100
 167 29.3 20.4 30.6
 279 3.7 2.9 4.3

