

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031328.D
 Acq On : 30 Apr 2024 19:55
 Operator : MA/JU
 Sample : P2184-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

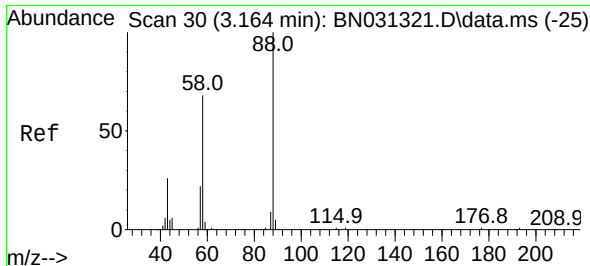
Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 30 23:32:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 30 23:30:44 2024
 Response via : Initial Calibration

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

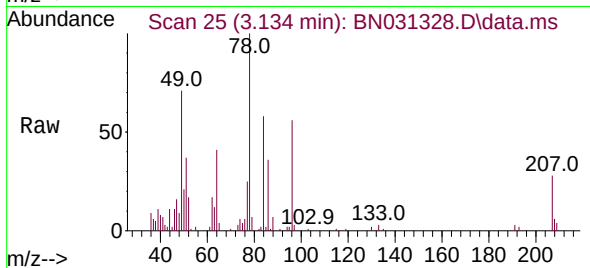
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	250	20.000	ng/ul	#-0.03
20) Naphthalene-d8	10.416	136	822795	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.263	164	540335	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.010	188	1051659	20.000	ng/ul	0.00
79) Chrysene-d12	21.251	240	809963	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	877724	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	22957	4275.141	ng/uL	0.01
4) Pyridine-d5	3.564	84	145486	9461.224	ng/ul	0.03
7) Phenol-d5	6.805	99	163203	8112.510	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.034	67	642041	54507.534	ng/ul	0.08
11) 2-Chlorophenol-d4	7.169	132	498393	30967.554	ng/ul	0.02
15) 4-Methylphenol-d8	8.352	113	280000	16795.645	ng/ul	0.03
21) Nitrobenzene-d5	8.805	128	299137	50.447	ng/ul	0.04
24) 2-Nitrophenol-d4	9.505	143	314644	49.302	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.034	165	524825	44.284	ng/ul	0.02
31) 4-Chloroaniline-d4	10.581	131	609313	35.478	ng/ul	0.04
46) Dimethylphthalate-d6	13.681	166	1725334	48.434	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	1994215	48.248	ng/ul	0.00
54) 4-Nitrophenol-d4	14.481	143	53627	8.295	ng/ul	0.00
60) Fluorene-d10	15.257	176	1460531	48.013	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.387	200	209150	38.673	ng/ul	0.00
73) Anthracene-d10	17.110	188	2161261	49.796	ng/ul	0.00
81) Pyrene-d10	19.416	212	2246488	45.541	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	2018073	49.663	ng/ul	0.00
Target Compounds	Qvalue					
2) 1,4-Dioxane	3.134	88	231	39.526	ng/uL#	43
5) Pyridine	3.534	79	77	4.985	ng/ul#	1
6) Benzaldehyde	6.746	77	628	62.175	ng/ul#	10
8) Phenol	6.834	94	72543	3547.954	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.005	93	3831599	231491.217	ng/ul#	26
12) 2-Chlorophenol	7.205	128	197862	11824.333	ng/ul	95
13) 2-Methylphenol	8.046	108	101960	6420.842	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.075	45	388	17.765	ng/ul#	1
16) Acetophenone	8.405	105	181	7.302	ng/ul#	1
17) N-Nitroso-di-n-propyla...	8.422	70	431	33.118	ng/ul#	19
18) 4-Methylphenol	8.399	108	224	12.888	ng/ul	82
19) Hexachloroethane	8.640	117	145	21.416	ng/ul#	9
22) Nitrobenzene	8.840	77	17742	1.275	ng/ul	95
29) 2,4-Dichlorophenol	10.099	162	236190	20.187	ng/ul#	87
32) 4-Chloroaniline	10.599	127	721668	43.886	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.434	216	115493	8.282	ng/ul	97
41) 2,4,6-Trichlorophenol	12.757	196	11353	1.184	ng/ul	98
42) 2,4,5-Trichlorophenol	12.757	196	11353	1.086	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.410	198	8998	1.552	ng/ul#	85
75) 1,2,3,4-Tetrachloroben...	13.051	216	167317	12.561	ng/uL	96

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

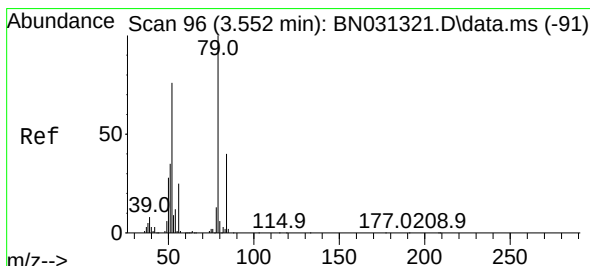
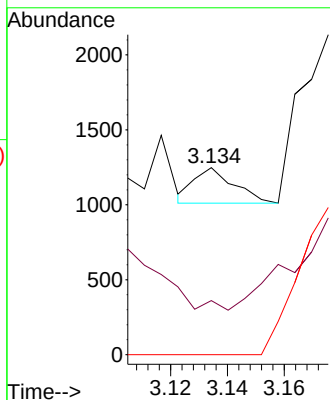
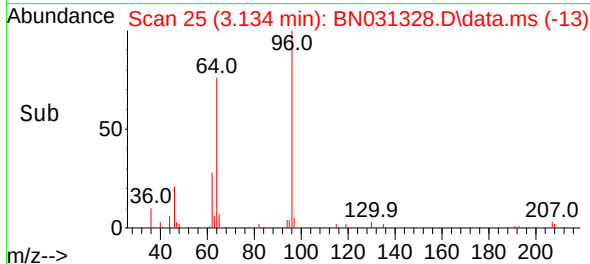


#2
1,4-Dioxane
Concen: 39.526 ng/uL
RT: 3.134 min Scan# 21
Delta R.T. -0.029 min
Lab File: BN031328.D
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Instrument :
BNA_N
ClientSampleId :

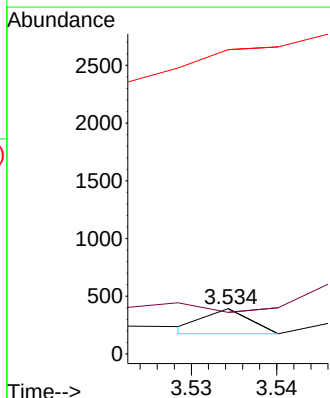
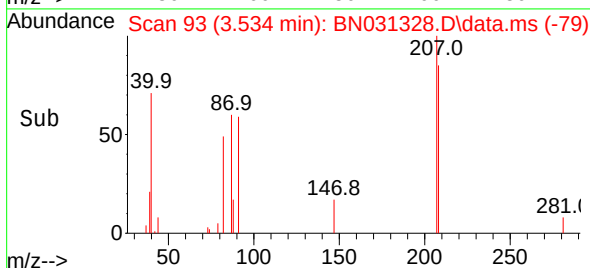
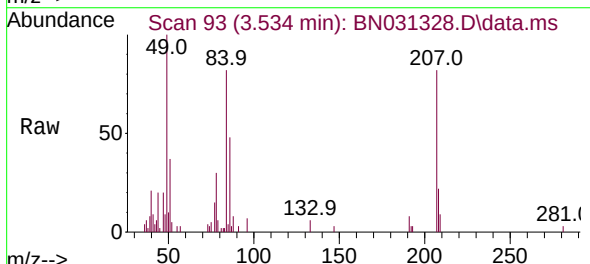


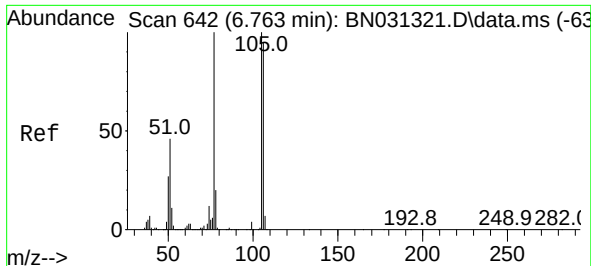
Tgt Ion: 88 Resp: 231
Ion Ratio Lower Upper
88 100
43 28.9 21.7 32.5
58 0.0 49.1 73.7#



#5
Pyridine
Concen: 4.985 ng/uL
RT: 3.534 min Scan# 93
Delta R.T. -0.018 min
Lab File: BN031328.D
Acq: 30 Apr 2024 19:55

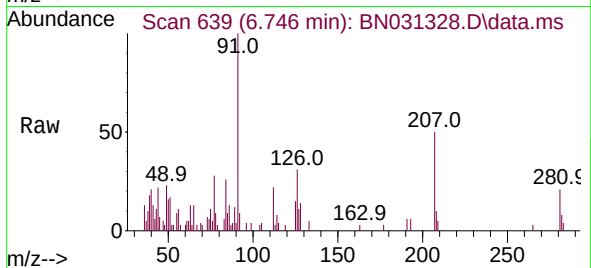
Tgt Ion: 79 Resp: 77
Ion Ratio Lower Upper
79 100
52 91.6 58.3 87.5#
51 670.7 27.7 41.5#



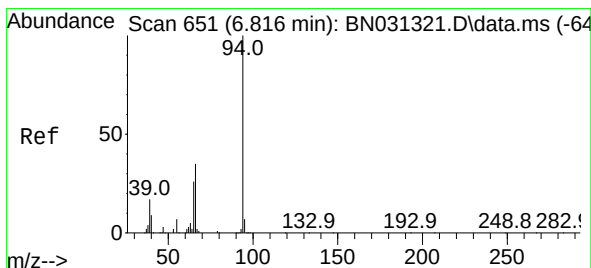
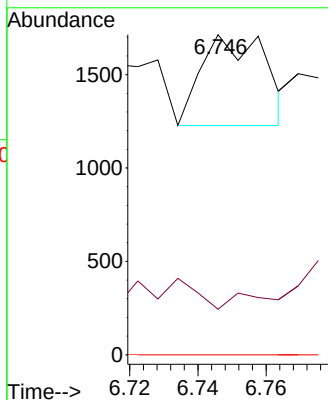
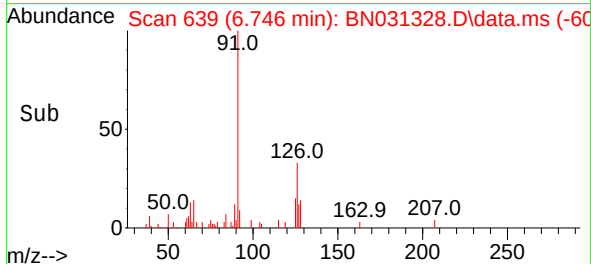


#6
Benzaldehyde
Concen: 62.175 ng/ul
RT: 6.746 min Scan# 61
Delta R.T. -0.018 min
Lab File: BN031328.D
Acq: 30 Apr 2024 19:55

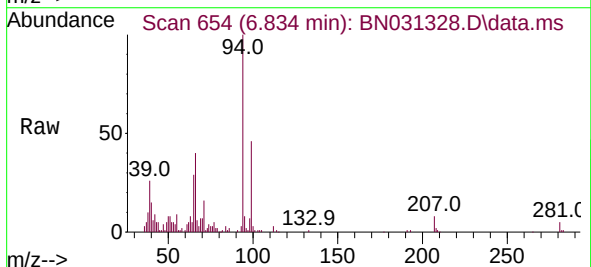
Instrument :
BNA_N
ClientSampleId :



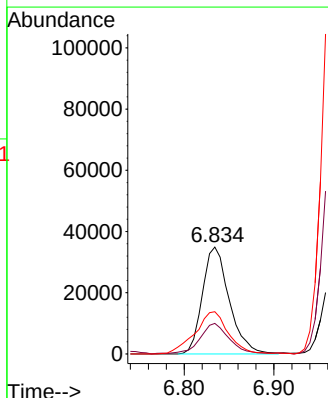
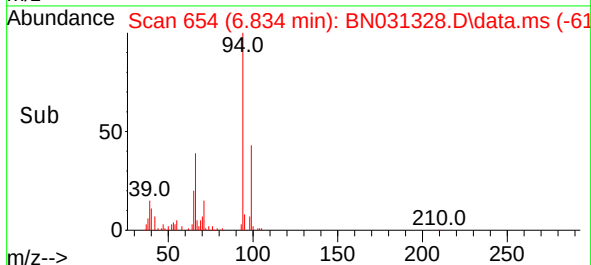
Tgt Ion: 77 Resp: 628
Ion Ratio Lower Upper
77 100
105 14.2 78.4 117.6#
106 0.0 73.2 109.8#

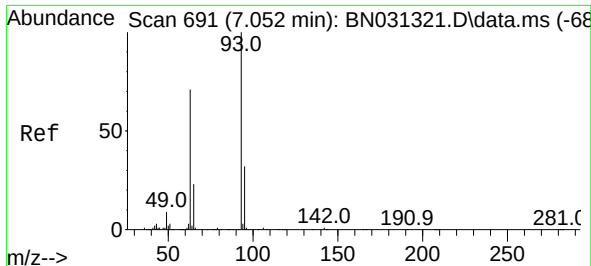


#8
Phenol
Concen: 3547.954 ng/ul
RT: 6.834 min Scan# 654
Delta R.T. 0.018 min
Lab File: BN031328.D
Acq: 30 Apr 2024 19:55



Tgt Ion: 94 Resp: 72543
Ion Ratio Lower Upper
94 100
65 28.6 21.2 31.8
66 39.6 28.9 43.3





#10

Bis(2-Chloroethyl)ether

Concen: 231491.217 ng/ul

RT: 7.005 min Scan# 61

Delta R.T. -0.047 min

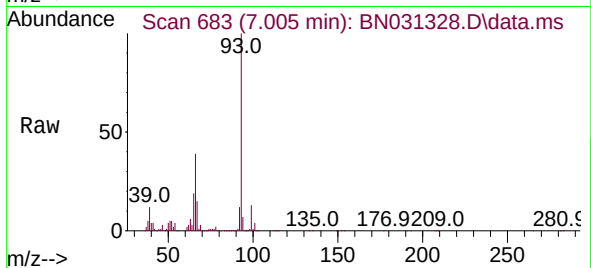
Lab File: BN031328.D

Acq: 30 Apr 2024 19:55

Instrument :

BNA_N

ClientSampleId :



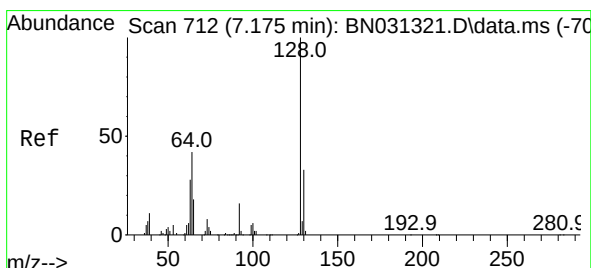
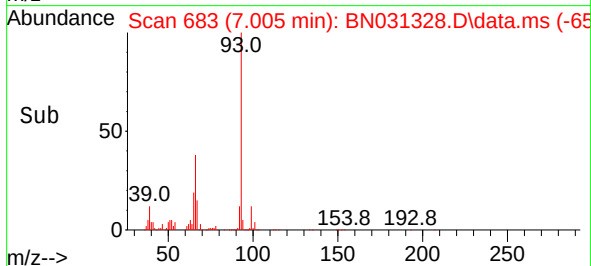
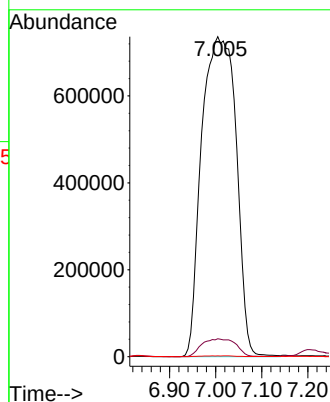
Tgt Ion: 93 Resp: 3831599

Ion Ratio Lower Upper

93 100

63 5.6 59.6 89.4#

95 0.3 26.5 39.7#



#12

2-Chlorophenol

Concen: 11824.333 ng/ul

RT: 7.205 min Scan# 717

Delta R.T. 0.029 min

Lab File: BN031328.D

Acq: 30 Apr 2024 19:55

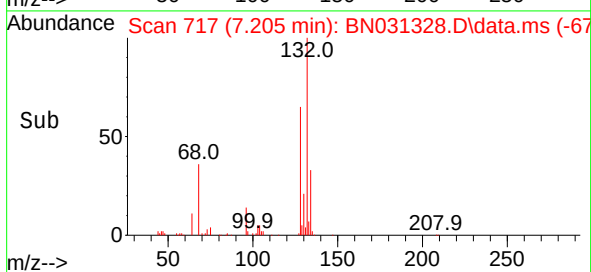
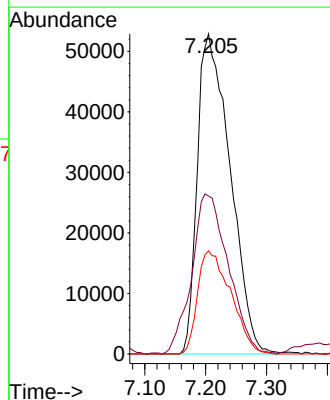
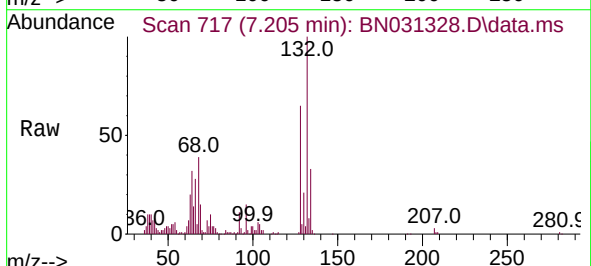
Tgt Ion: 128 Resp: 197862

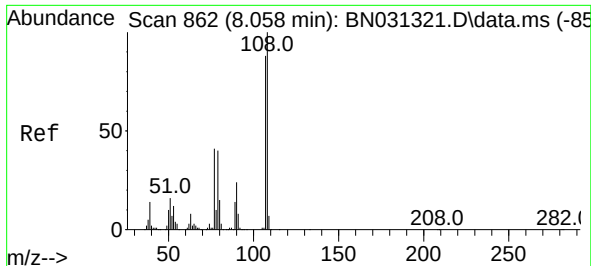
Ion Ratio Lower Upper

128 100

64 49.4 35.8 53.6

130 32.2 27.0 40.4





#13

2-Methylphenol

Concen: 6420.842 ng/ul

RT: 8.046 min Scan# 8

Delta R.T. -0.012 min

Lab File: BN031328.D

Acq: 30 Apr 2024 19:55

Instrument :

BNA_N

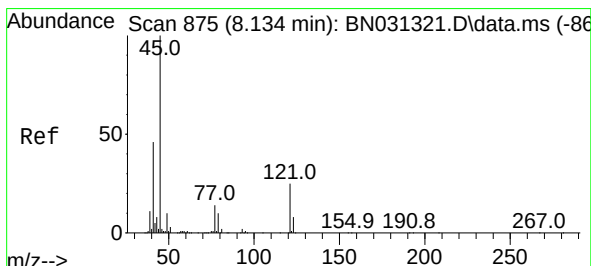
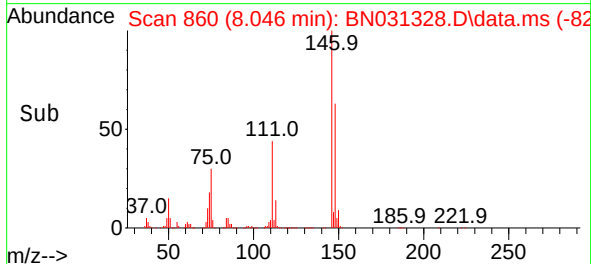
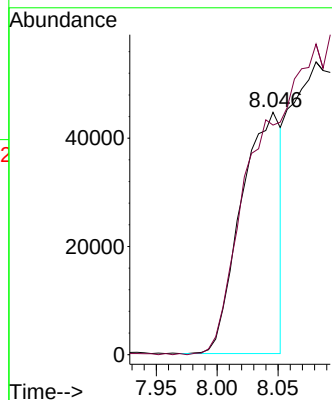
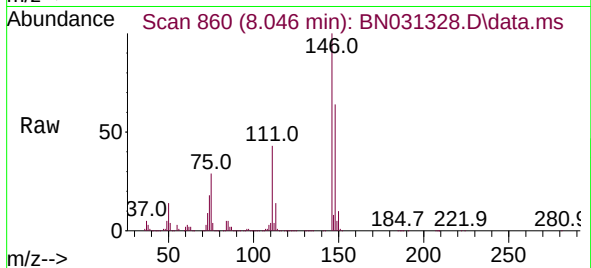
ClientSampleId :

Tgt Ion:108 Resp: 101960

Ion Ratio Lower Upper

108 100

107 94.7 72.3 108.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 17.765 ng/ul

RT: 8.075 min Scan# 865

Delta R.T. -0.059 min

Lab File: BN031328.D

Acq: 30 Apr 2024 19:55

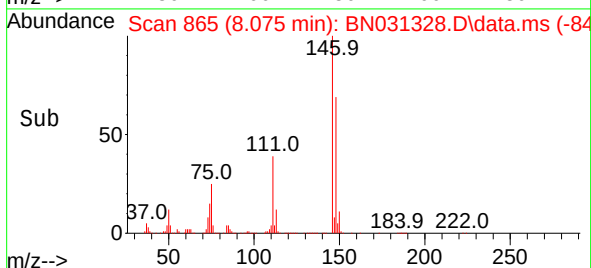
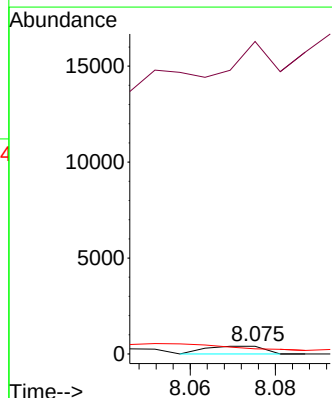
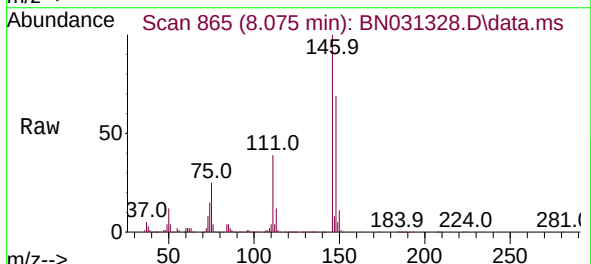
Tgt Ion: 45 Resp: 388

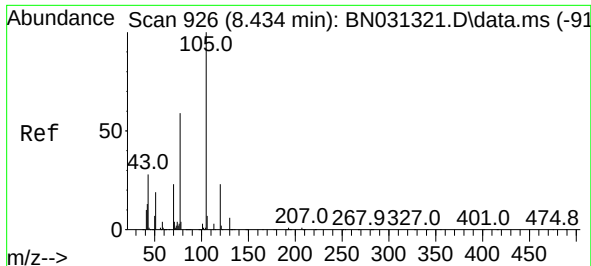
Ion Ratio Lower Upper

45 100

77 4041.7 12.6 19.0#

79 65.5 9.5 14.3#





#16

Acetophenone

Concen: 7.302 ng/ul

RT: 8.405 min Scan# 91

Delta R.T. -0.029 min

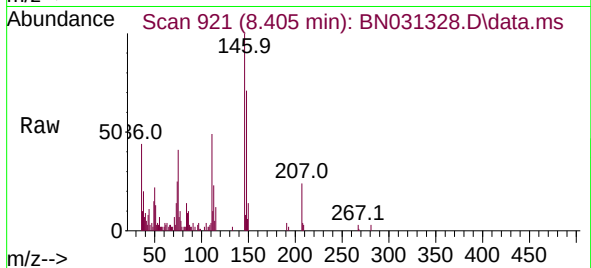
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Acq: 30 Apr 2024 19:55

Instrument :

BNA_N

ClientSampleId :



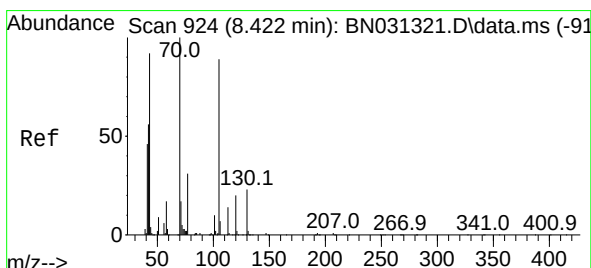
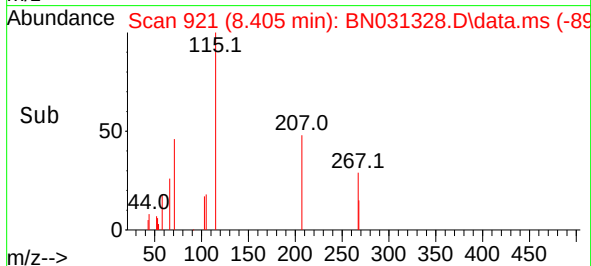
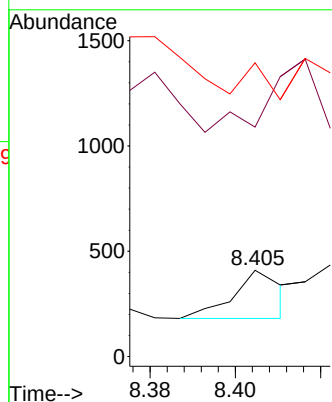
Tgt Ion:105 Resp: 181

Ion Ratio Lower Upper

105 100

77 265.9 62.0 93.0#

51 340.2 20.6 30.8#



#17

N-Nitroso-di-n-propylamine

Concen: 33.118 ng/ul

RT: 8.422 min Scan# 924

Delta R.T. 0.000 min

Lab File: BN031328.D

Acq: 30 Apr 2024 19:55

Tgt Ion: 70 Resp: 431

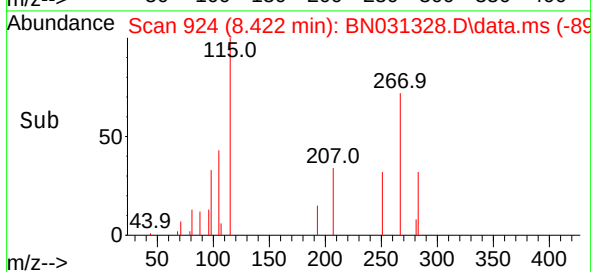
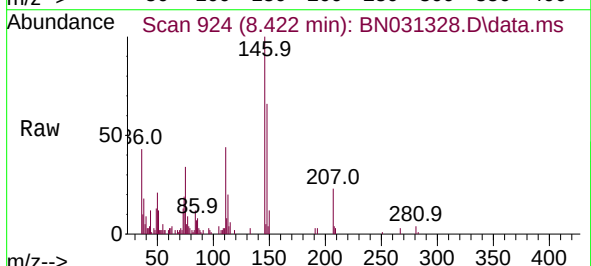
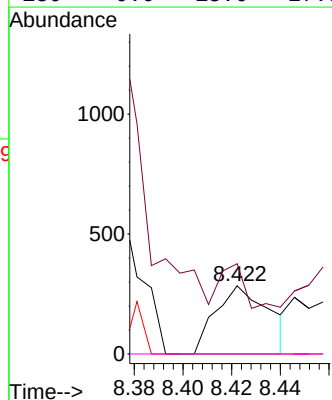
Ion Ratio Lower Upper

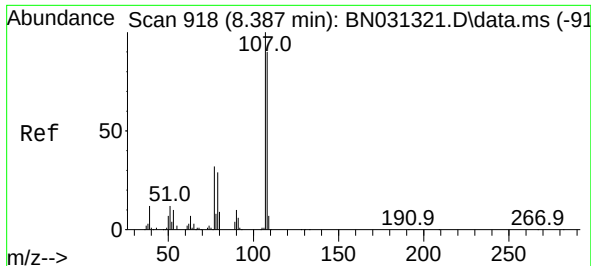
70 100

42 132.4 44.7 67.1#

101 0.0 8.5 12.7#

130 0.0 18.6 27.8#

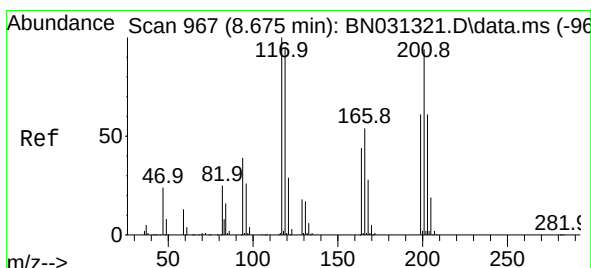
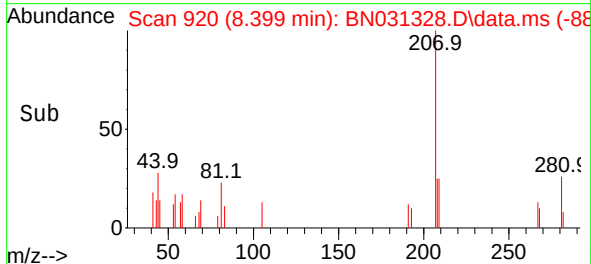
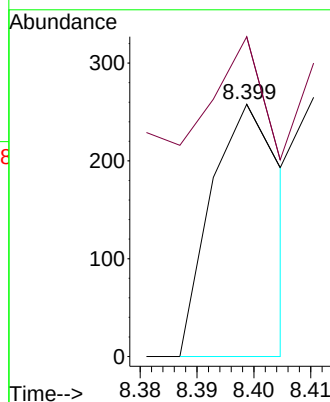
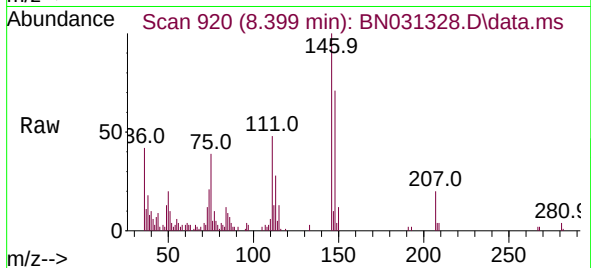




#18
4-Methylphenol
Concen: 12.888 ng/ul
RT: 8.399 min Scan# 918
Delta R.T. 0.012 min
Lab File: BN031328.D
Acq: 30 Apr 2024 19:55

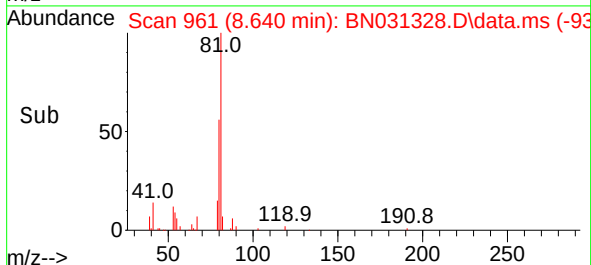
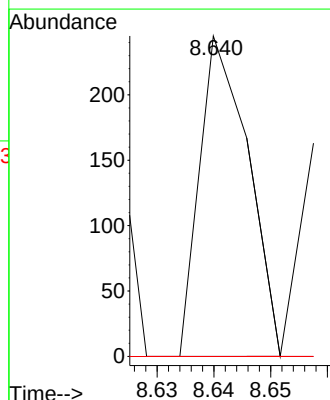
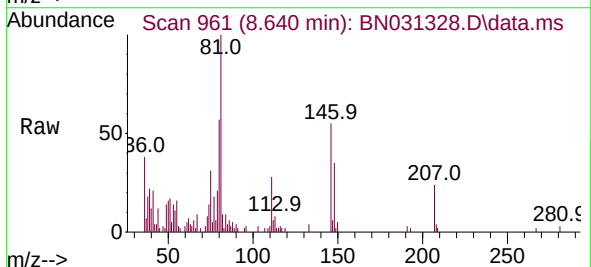
Instrument :
BNA_N
ClientSampleId :

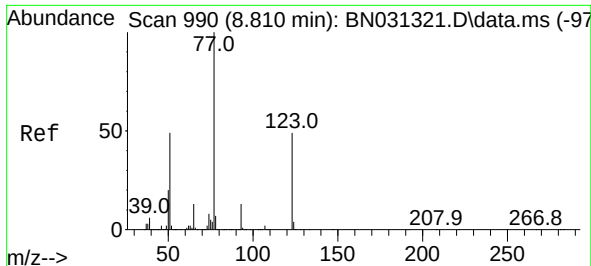
Tgt Ion:108 Resp: 224
Ion Ratio Lower Upper
108 100
107 126.7 86.4 129.6



#19
Hexachloroethane
Concen: 21.416 ng/ul
RT: 8.640 min Scan# 961
Delta R.T. -0.035 min
Lab File: BN031328.D
Acq: 30 Apr 2024 19:55

Tgt Ion:117 Resp: 145
Ion Ratio Lower Upper
117 100
201 0.0 76.3 114.5#
199 0.0 49.6 74.4#





#22

Nitrobenzene

Concen: 1.275 ng/ul

RT: 8.840 min Scan# 990

Delta R.T. 0.029 min

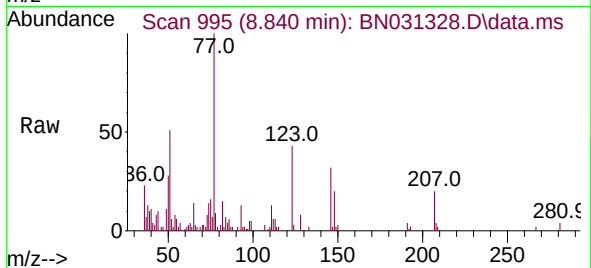
Lab File: BN031328.D

Acq: 30 Apr 2024 19:55

Instrument :

BNA_N

ClientSampleId :



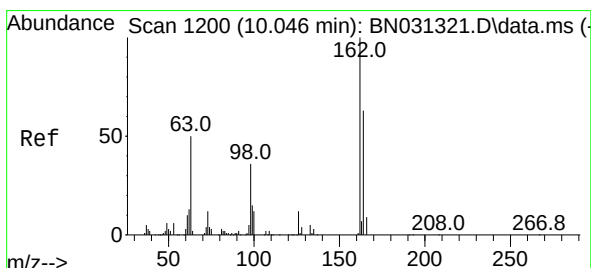
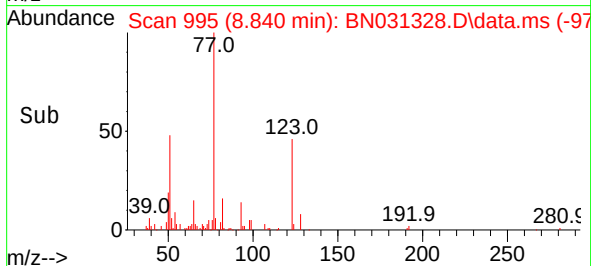
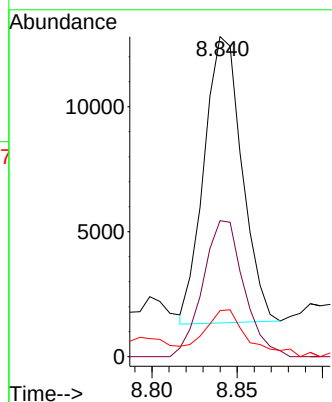
Tgt Ion: 77 Resp: 17742

Ion Ratio Lower Upper

77 100

123 42.5 37.3 55.9

65 14.4 10.8 16.2



#29

2,4-Dichlorophenol

Concen: 20.187 ng/ul

RT: 10.099 min Scan# 1209

Delta R.T. 0.053 min

Lab File: BN031328.D

Acq: 30 Apr 2024 19:55

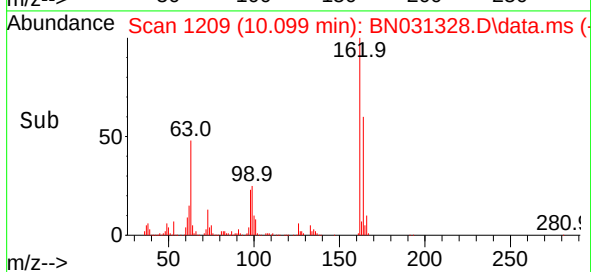
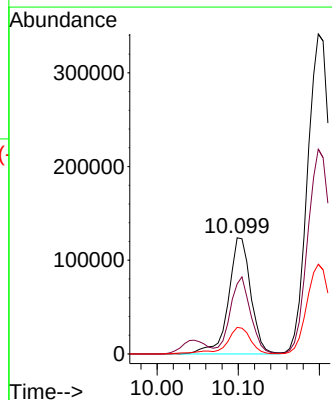
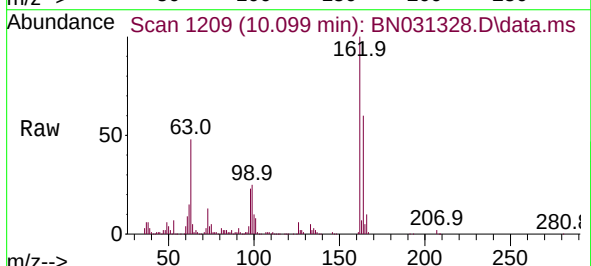
Tgt Ion:162 Resp: 236190

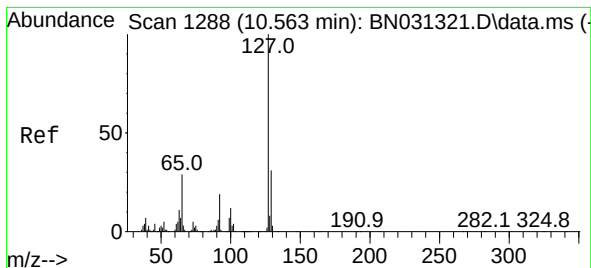
Ion Ratio Lower Upper

162 100

164 60.3 52.6 78.8

98 22.9 29.5 44.3#





#32

4-Chloroaniline

Concen: 43.886 ng/ul

RT: 10.599 min Scan# 1294

Delta R.T. 0.035 min

Lab File: BN031328.D

Acq: 30 Apr 2024 19:55

Instrument :

BNA_N

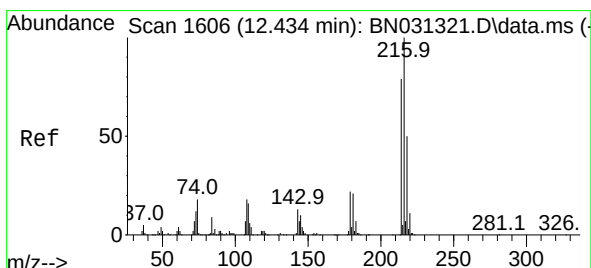
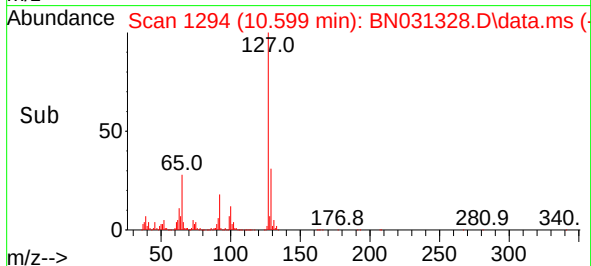
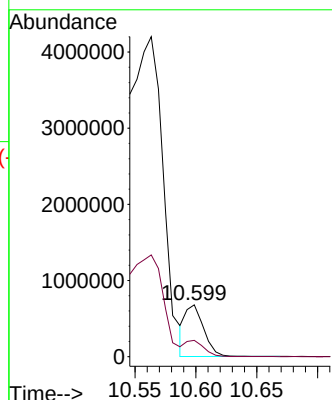
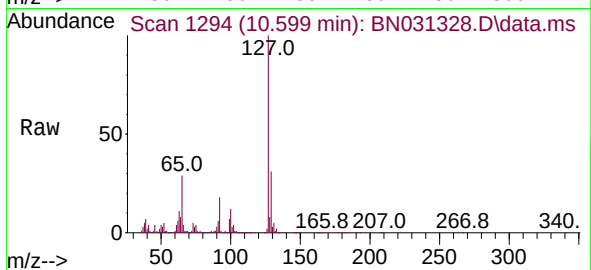
ClientSampleId :

Tgt Ion:127 Resp: 721668

Ion Ratio Lower Upper

127 100

129 31.4 26.8 40.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 8.282 ng/ul

RT: 12.434 min Scan# 1606

Delta R.T. 0.000 min

Lab File: BN031328.D

Acq: 30 Apr 2024 19:55

Tgt Ion:216 Resp: 115493

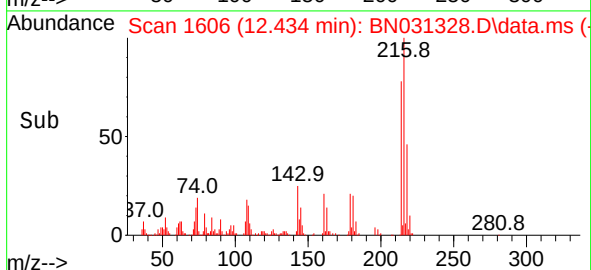
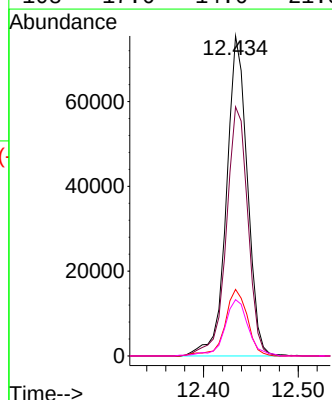
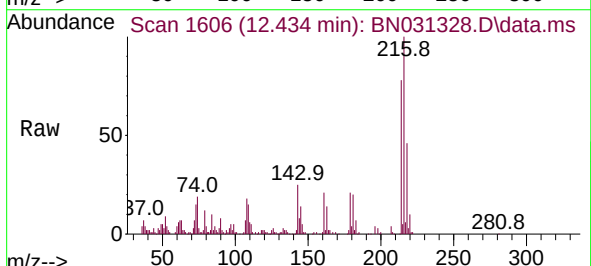
Ion Ratio Lower Upper

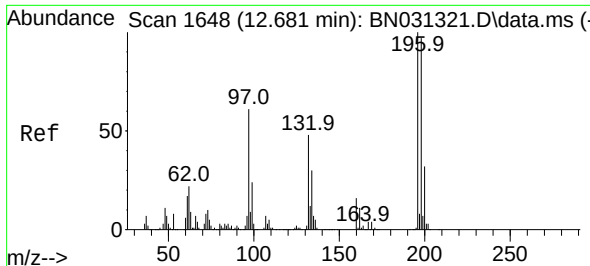
216 100

214 77.8 64.5 96.7

179 20.8 17.1 25.7

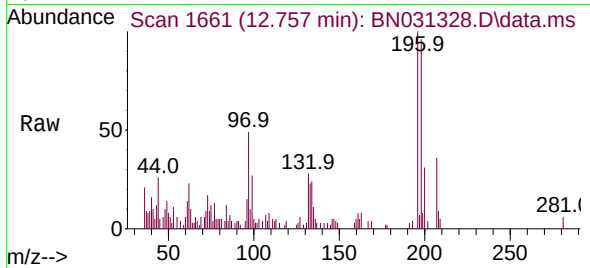
108 17.6 14.6 21.8



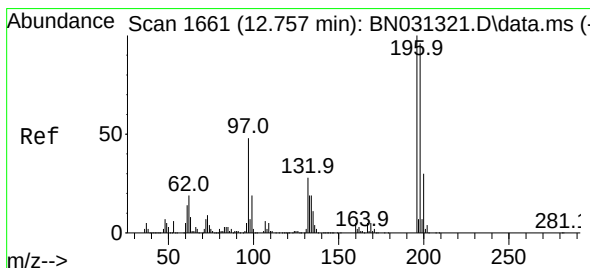
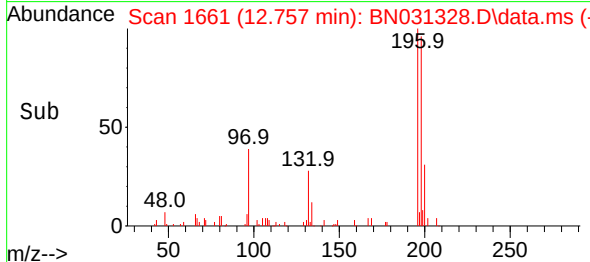
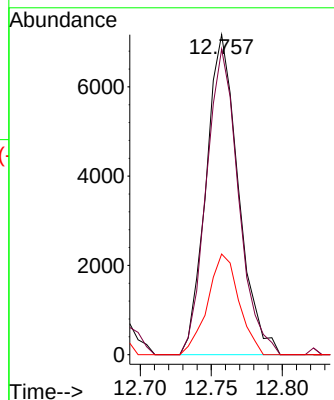


#41
2,4,6-Trichlorophenol
Concen: 1.184 ng/ul
RT: 12.757 min Scan# 1661
Delta R.T. 0.077 min
Lab File: BN031328.D
Acq: 30 Apr 2024 19:55

Instrument :
BNA_N
ClientSampleId :

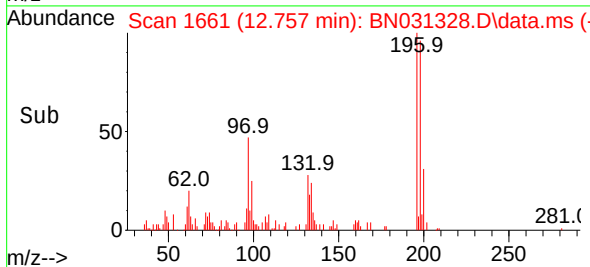
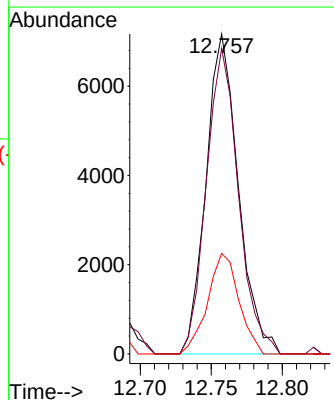
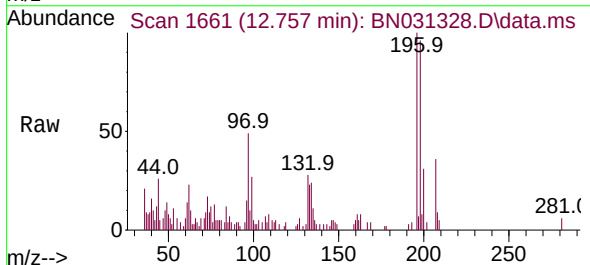


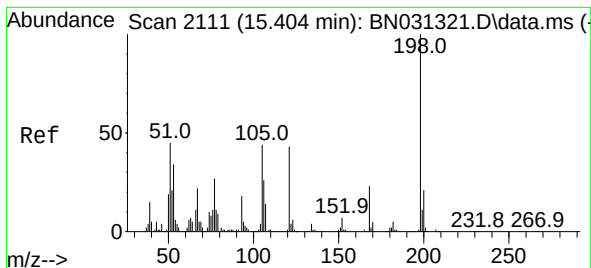
Tgt Ion:196 Resp: 11353
Ion Ratio Lower Upper
196 100
198 95.5 75.1 112.7
200 31.5 24.2 36.4



#42
2,4,5-Trichlorophenol
Concen: 1.086 ng/ul
RT: 12.757 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BN031328.D
Acq: 30 Apr 2024 19:55

Tgt Ion:196 Resp: 11353
Ion Ratio Lower Upper
196 100
198 95.5 79.4 119.2
200 31.5 26.6 40.0

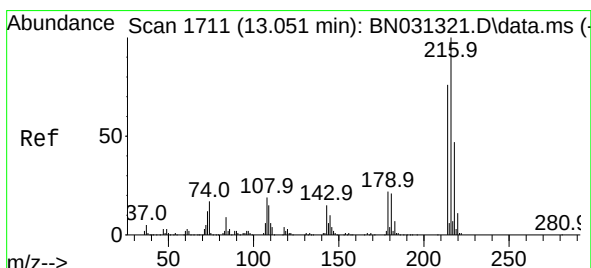
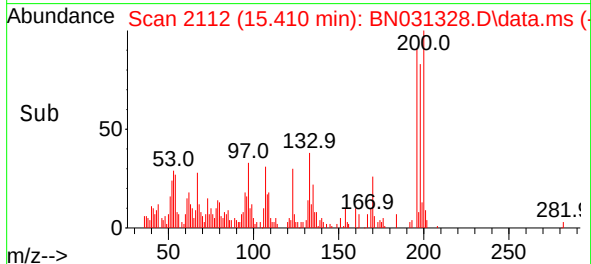
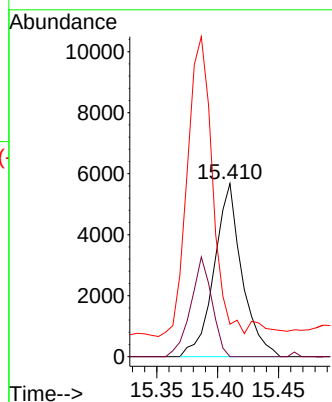
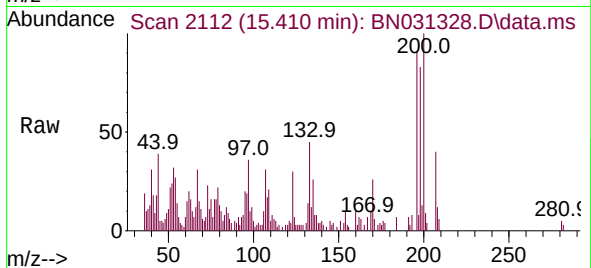




#66
4,6-Dinitro-2-methylphenol
Concen: 1.552 ng/ul
RT: 15.410 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BN031328.D
Acq: 30 Apr 2024 19:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 8998
Ion Ratio Lower Upper
198 100
182 0.0 3.8 5.8#
77 18.8 21.3 31.9#



#75
1,2,3,4-Tetrachlorobenzene
Concen: 12.561 ng/uL
RT: 13.051 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BN031328.D
Acq: 30 Apr 2024 19:55

Tgt Ion:216 Resp: 167317
Ion Ratio Lower Upper
216 100
214 73.3 61.7 92.5
218 46.2 39.4 59.0

