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 Data File : BN022391.D
 Acq On : 28 Oct 2022 19:40
 Operator : CG/JU
 Sample : N5233-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

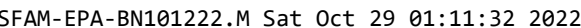
Instrument :
 BNA_N
 ClientSampleId :
 BHA77

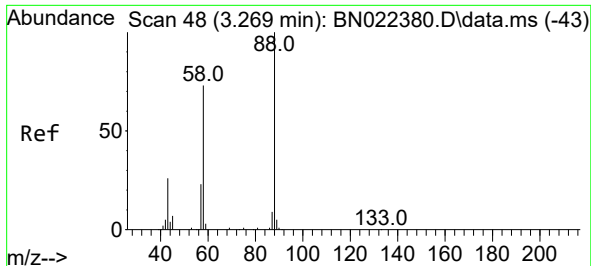
Quant Time: Oct 29 01:11:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 29 00:50:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	161908	20.000	ng/ul	0.00
20) Naphthalene-d8	10.752	136	669944	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	360415	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.357	188	602232	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	496211	20.000	ng/ul	-0.01
88) Perylene-d12	24.004	264	498152	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	15233	3.566	ng/uL	0.00
4) Pyridine-d5	3.675	84	99975	7.524	ng/ul	0.00
7) Phenol-d5	7.116	99	74871	4.730	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.252	67	214339	21.610	ng/ul	0.00
11) 2-Chlorophenol-d4	7.458	132	193635	17.644	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	133617	10.624	ng/ul	0.02
21) Nitrobenzene-d5	9.105	128	124557	25.355	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	127991	25.420	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	198098	20.960	ng/ul	0.00
31) 4-Chloroaniline-d4	10.904	131	215425	13.942	ng/ul	0.00
46) Dimethylphthalate-d6	14.010	166	598804	23.834	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	711339	25.354	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	85	0.016	ng/ul	0.00
60) Fluorene-d10	15.592	176	492998	23.265	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	74943	21.813	ng/ul	0.00
73) Anthracene-d10	17.451	188	715681	27.346	ng/ul	0.00
81) Pyrene-d10	19.757	212	682441	27.623	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	633061	25.913	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	51101	10.976	ng/uL#	92
6) Benzaldehyde	7.058	77	10896	1.394	ng/ul#	1
8) Phenol	7.146	94	30046	1.788	ng/ul#	41
10) Bis(2-Chloroethyl)ether	7.352	93	122044	9.131	ng/ul	96
13) 2-Methylphenol	8.405	108	276118	21.982	ng/ul	99
16) Acetophenone	8.763	105	84366	4.198	ng/ul	98
18) 4-Methylphenol	8.734	108	98964	7.036	ng/ul#	58
22) Nitrobenzene	9.146	77	42467	3.274	ng/ul#	50
23) Isophorone	9.687	82	103326	4.035	ng/ul#	88
26) 2,4-Dimethylphenol	9.946	107	420307	33.548	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.187	93	626930	39.149	ng/ul#	1
30) Naphthalene	10.804	128	485053	13.516	ng/ul	99
34) Caprolactam	11.657	113	7130	1.862	ng/ul#	16
55) 4-Nitrophenol	14.792	109	10120	2.327	ng/ul#	16
59) Diethylphthalate	15.422	149	157205	5.731	ng/ul	99
70) Atrazine	16.822	200	7803	1.330	ng/ul#	46
86) Bis(2-ethylhexyl)phtha...	21.457	149	21464	1.054	ng/ul#	94

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

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Quant Title : SVOA CALIBRATION
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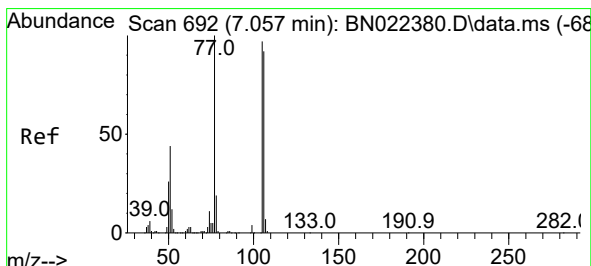
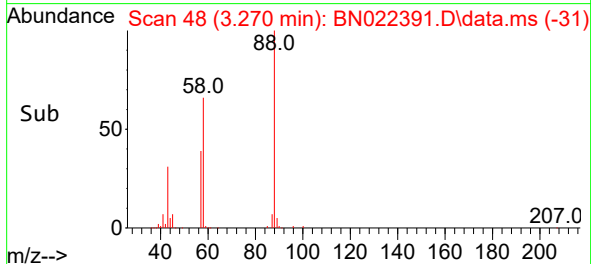
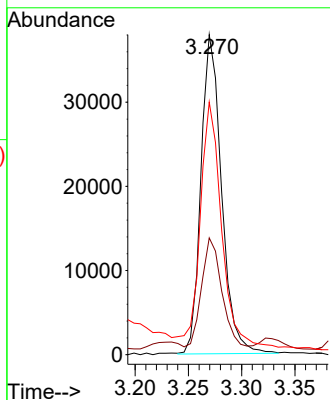
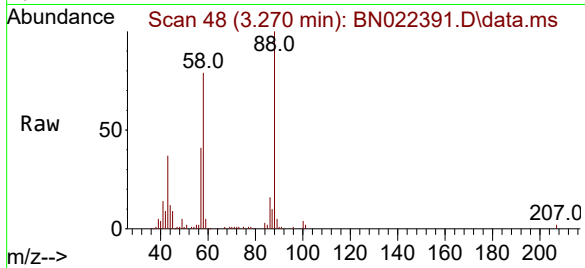




#2
1,4-Dioxane
Concen: 10.976 ng/uL
RT: 3.270 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN022391.D
Acq: 28 Oct 2022 19:40

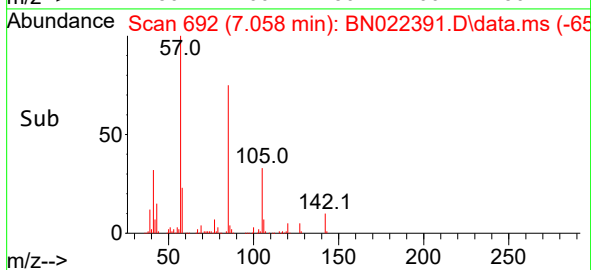
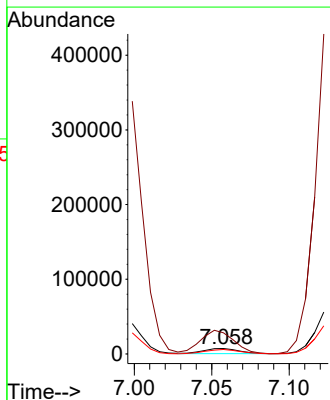
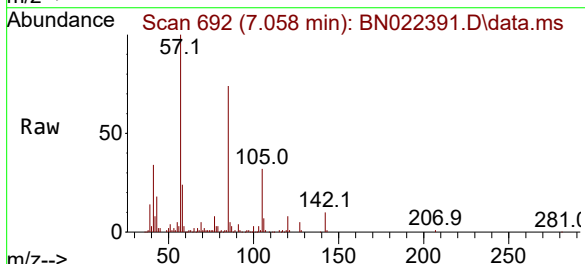
Instrument :
BNA_N
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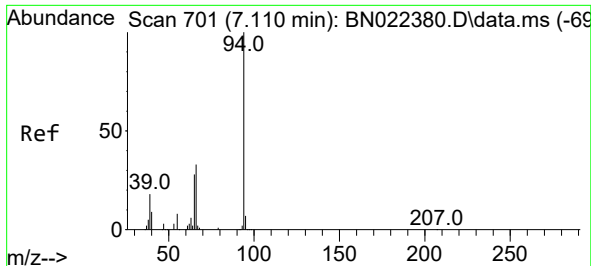
Tgt Ion: 88 Resp: 51101
Ion Ratio Lower Upper
88 100
43 36.5 22.6 34.0#
58 78.9 59.9 89.9



#6
Benzaldehyde
Concen: 1.394 ng/uL
RT: 7.058 min Scan# 692
Delta R.T. 0.000 min
Lab File: BN022391.D
Acq: 28 Oct 2022 19:40

Tgt Ion: 77 Resp: 10896
Ion Ratio Lower Upper
77 100
105 393.1 78.6 118.0#
106 82.7 75.4 113.2

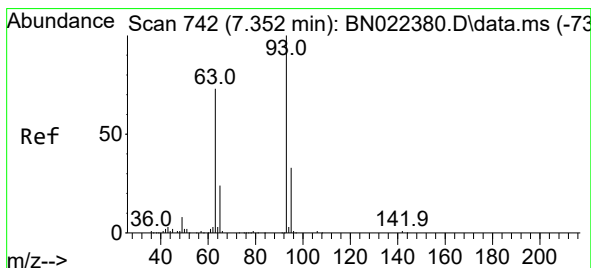
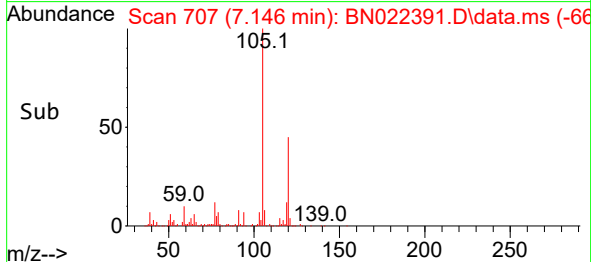
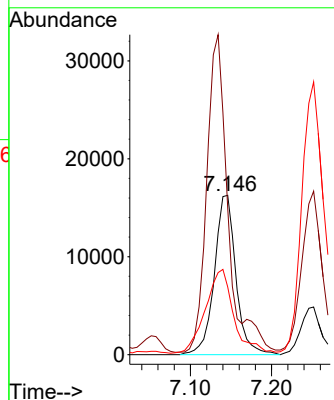
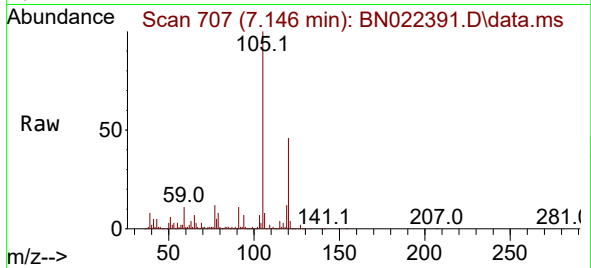




#8
Phenol
Concen: 1.788 ng/ul
RT: 7.146 min Scan# 701
Delta R.T. 0.035 min
Lab File: BN022391.D
Acq: 28 Oct 2022 19:40

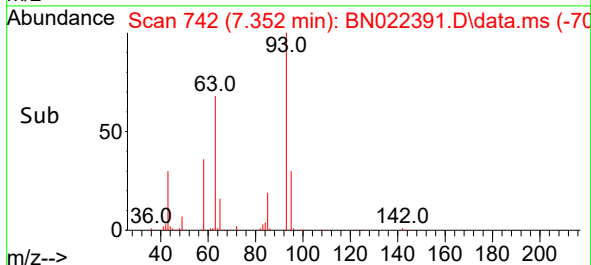
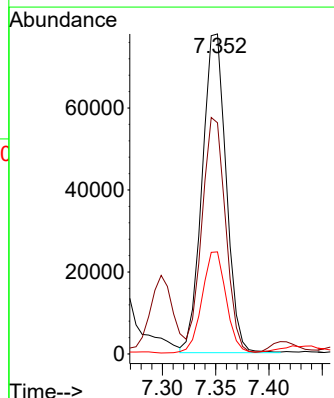
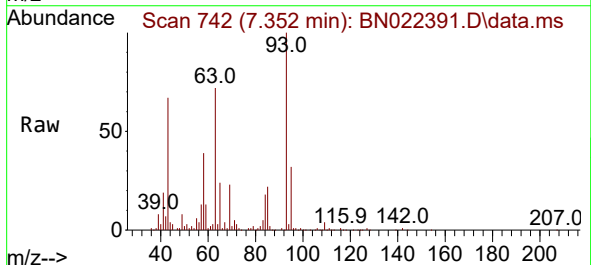
Instrument :
BNA_N
ClientSampleId :
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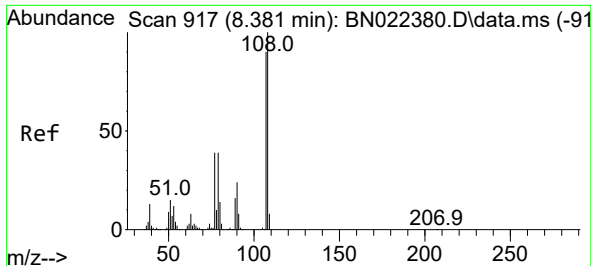
Tgt Ion: 94 Resp: 30046
Ion Ratio Lower Upper
94 100
65 92.0 22.1 33.1#
66 42.5 29.0 43.6



#10
Bis(2-Chloroethyl)ether
Concen: 9.131 ng/ul
RT: 7.352 min Scan# 742
Delta R.T. 0.000 min
Lab File: BN022391.D
Acq: 28 Oct 2022 19:40

Tgt Ion: 93 Resp: 122044
Ion Ratio Lower Upper
93 100
63 72.2 61.1 91.7
95 31.9 26.4 39.6





#13

2-Methylphenol

Concen: 21.982 ng/ul

RT: 8.405 min Scan# 91

Delta R.T. 0.024 min

Lab File: BN022391.D

Acq: 28 Oct 2022 19:40

Instrument :

BNA_N

ClientSampleId :

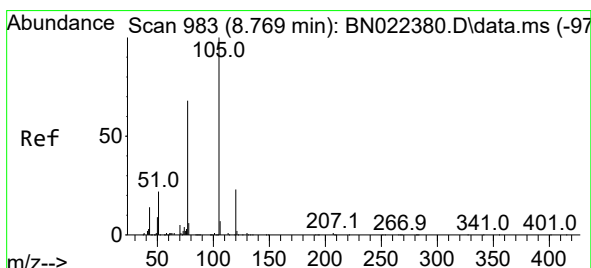
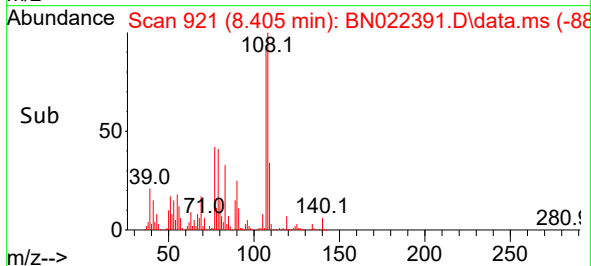
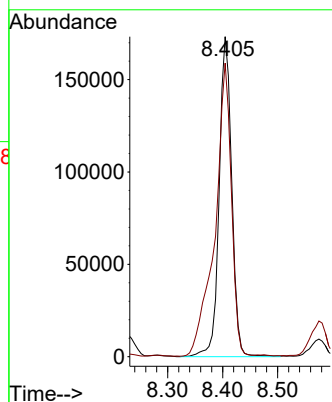
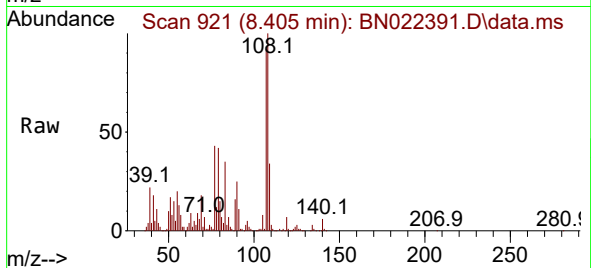
BHA77

Tgt Ion:108 Resp: 276118

Ion Ratio Lower Upper

108 100

107 91.8 72.4 108.6



#16

Acetophenone

Concen: 4.198 ng/ul

RT: 8.763 min Scan# 982

Delta R.T. -0.006 min

Lab File: BN022391.D

Acq: 28 Oct 2022 19:40

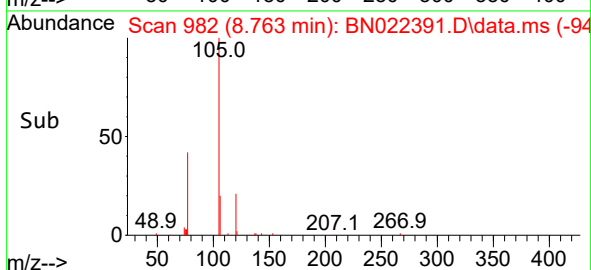
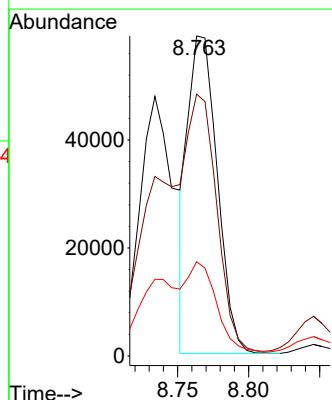
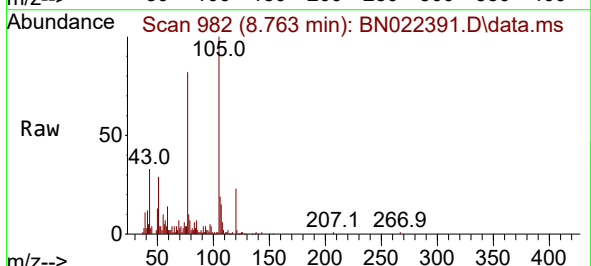
Tgt Ion:105 Resp: 84366

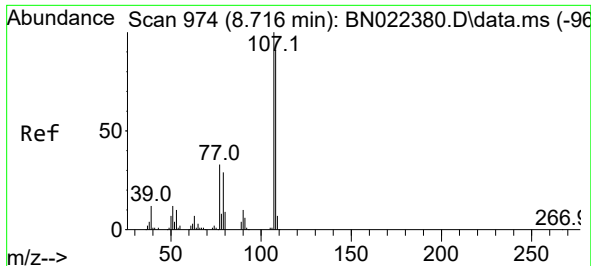
Ion Ratio Lower Upper

105 100

77 81.8 64.9 97.3

51 29.4 21.8 32.6





#18

4-Methylphenol

Concen: 7.036 ng/ul

RT: 8.734 min Scan# 91

Delta R.T. 0.018 min

Lab File: BN022391.D

Acq: 28 Oct 2022 19:40

Instrument :

BNA_N

ClientSampleId :

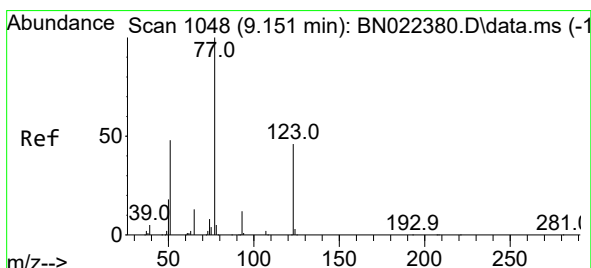
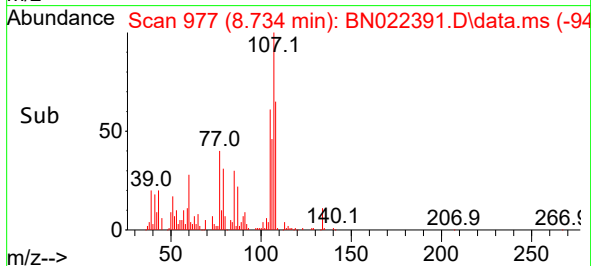
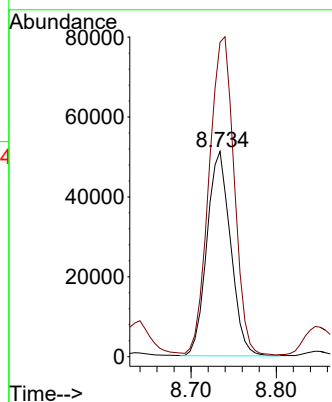
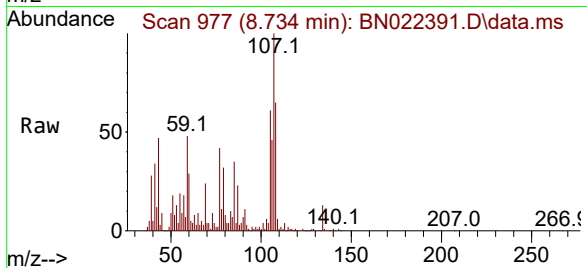
BHA77

Tgt Ion:108 Resp: 98964

Ion Ratio Lower Upper

108 100

107 153.2 87.2 130.8#



#22

Nitrobenzene

Concen: 3.274 ng/ul

RT: 9.146 min Scan# 1047

Delta R.T. -0.006 min

Lab File: BN022391.D

Acq: 28 Oct 2022 19:40

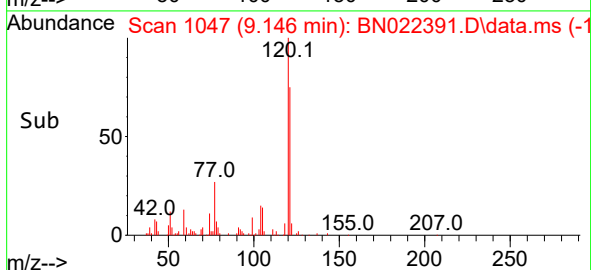
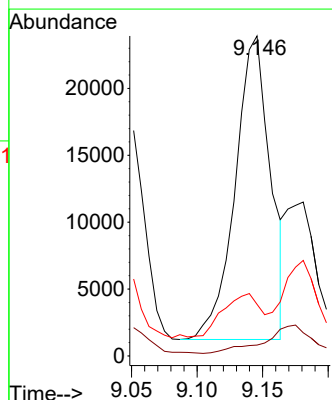
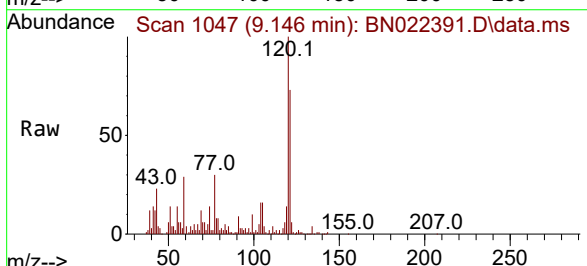
Tgt Ion: 77 Resp: 42467

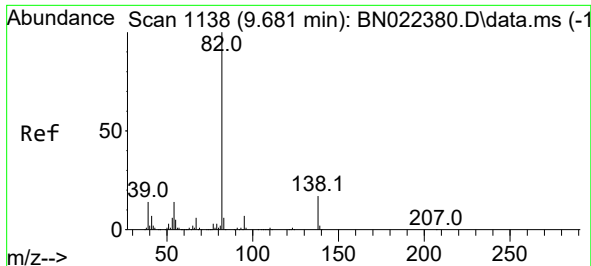
Ion Ratio Lower Upper

77 100

123 3.4 34.9 52.3#

65 16.1 10.2 15.2#

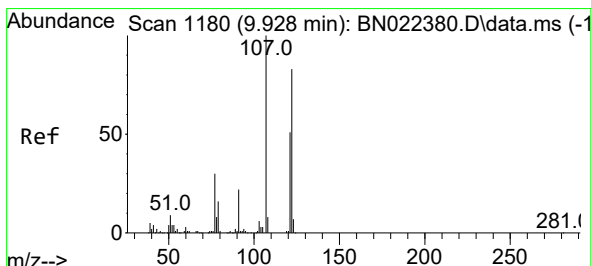
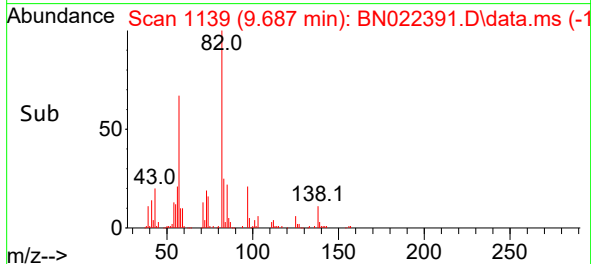
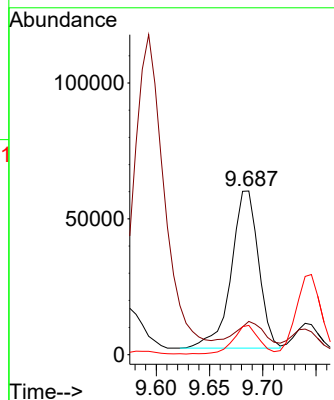
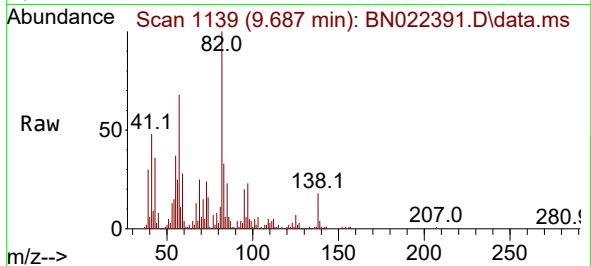




#23
Isophorone
Concen: 4.035 ng/ul
RT: 9.687 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BN022391.D
Acq: 28 Oct 2022 19:40

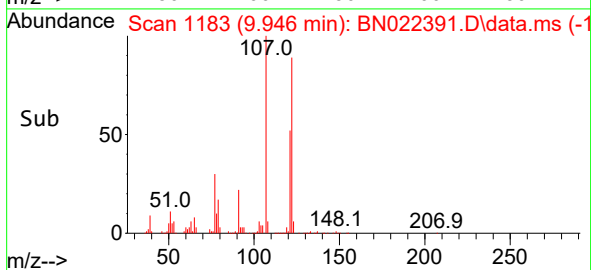
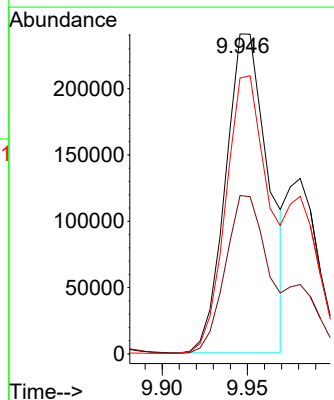
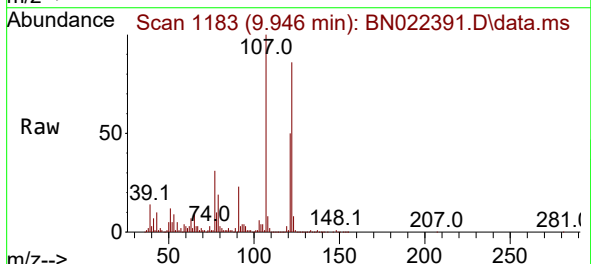
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BNA_N
ClientSampleId :
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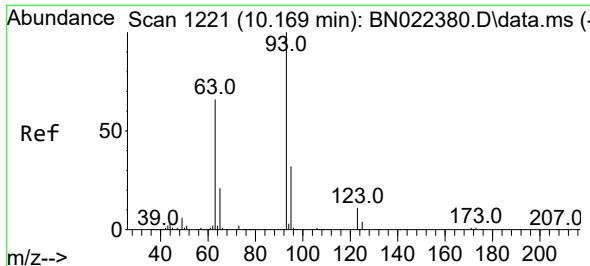
Tgt Ion: 82 Resp: 103326
Ion Ratio Lower Upper
82 100
95 20.3 5.4 8.0#
138 17.9 13.8 20.8



#26
2,4-Dimethylphenol
Concen: 33.548 ng/ul
RT: 9.946 min Scan# 1183
Delta R.T. 0.018 min
Lab File: BN022391.D
Acq: 28 Oct 2022 19:40

Tgt Ion: 107 Resp: 420307
Ion Ratio Lower Upper
107 100
121 49.5 41.0 61.6
122 86.3 71.5 107.3

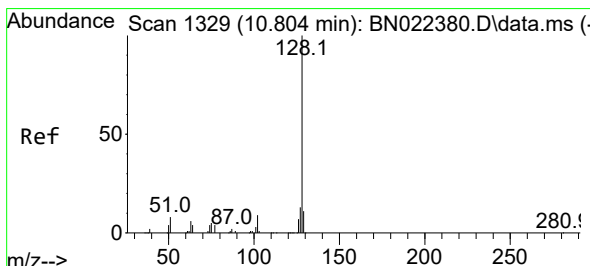
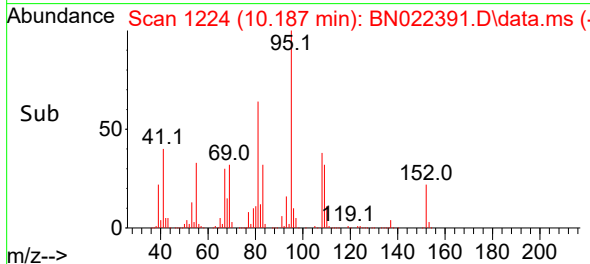
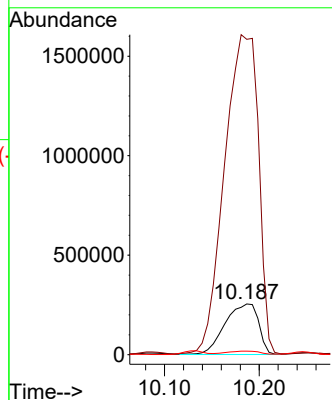
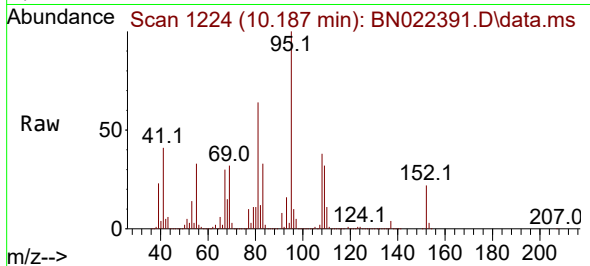




#27
 Bis(2-Chloroethoxy)methane
 Concen: 39.149 ng/ul
 RT: 10.187 min Scan# 1221
 Delta R.T. 0.018 min
 Lab File: BN022391.D
 Acq: 28 Oct 2022 19:40

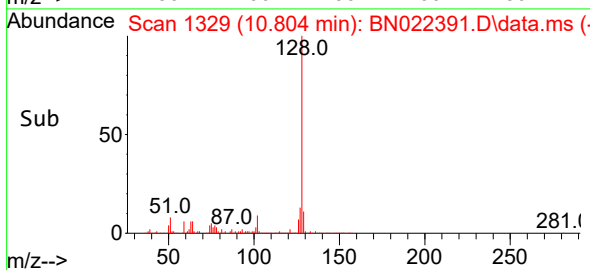
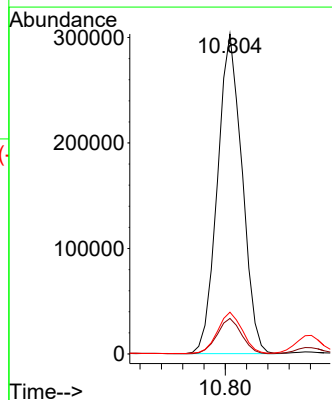
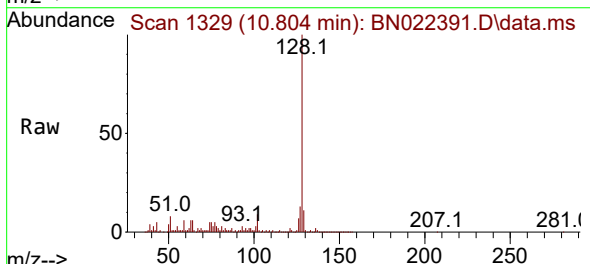
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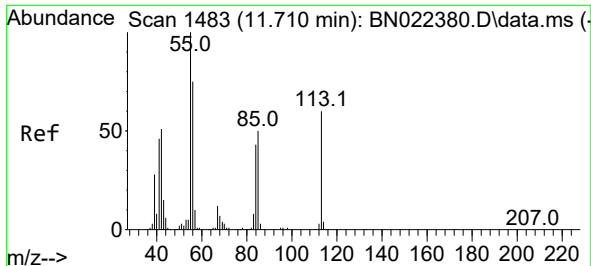
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 Ion Ratio Lower Upper
 93 100
 95 620.8 25.2 37.8#
 123 7.1 8.6 12.8#



#30
 Naphthalene
 Concen: 13.516 ng/ul
 RT: 10.804 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: BN022391.D
 Acq: 28 Oct 2022 19:40

Tgt Ion: 128 Resp: 485053
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.5 12.7
 127 13.1 10.8 16.2

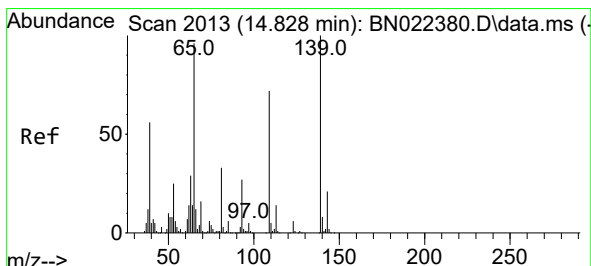
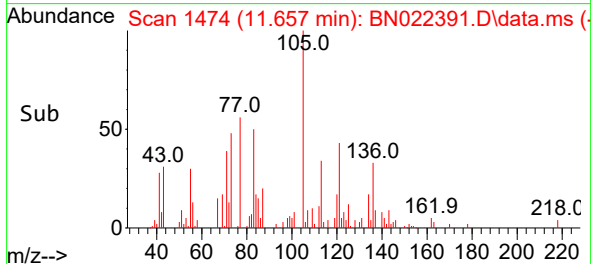
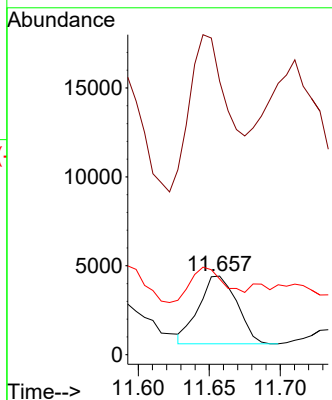
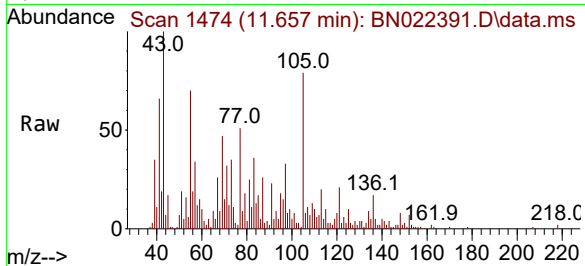




#34
Caprolactam
Concen: 1.862 ng/ul
RT: 11.657 min Scan# 1483
Delta R.T. -0.053 min
Lab File: BN022391.D
Acq: 28 Oct 2022 19:40

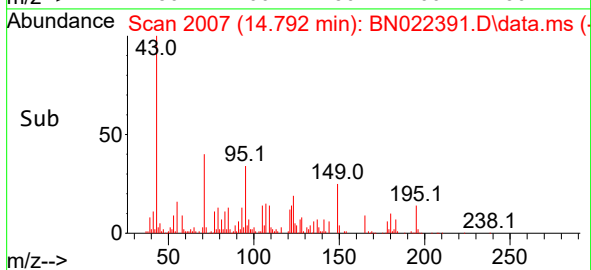
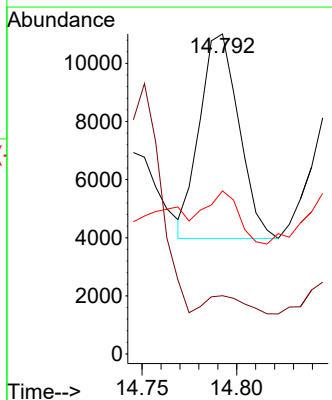
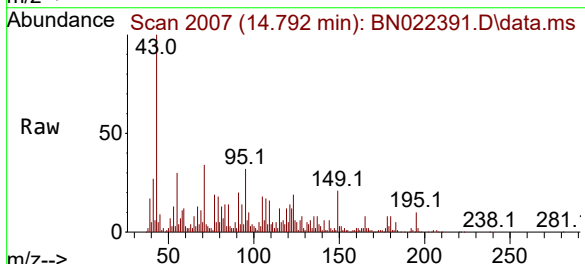
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BHA77

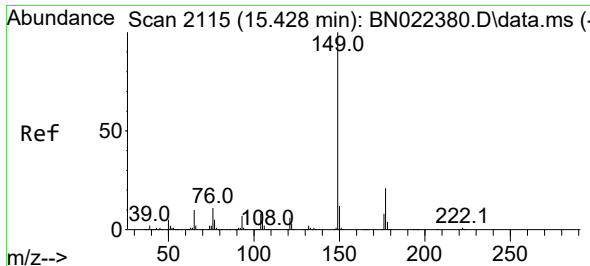
Tgt Ion:113 Resp: 7130
Ion Ratio Lower Upper
113 100
55 348.4 138.7 208.1#
56 96.5 101.4 152.0#



#55
4-Nitrophenol
Concen: 2.327 ng/ul
RT: 14.792 min Scan# 2007
Delta R.T. -0.035 min
Lab File: BN022391.D
Acq: 28 Oct 2022 19:40

Tgt Ion:109 Resp: 10120
Ion Ratio Lower Upper
109 100
139 18.2 108.3 162.5#
65 50.9 107.9 161.9#

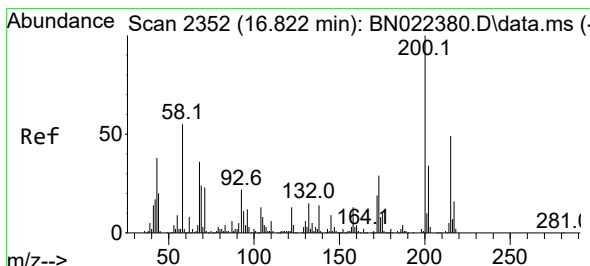
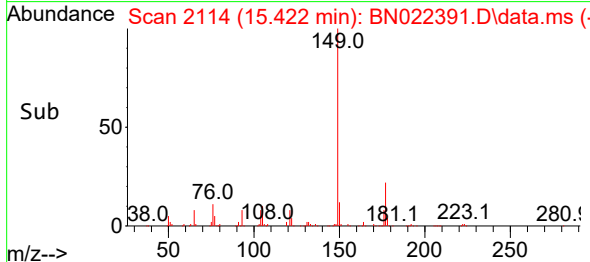
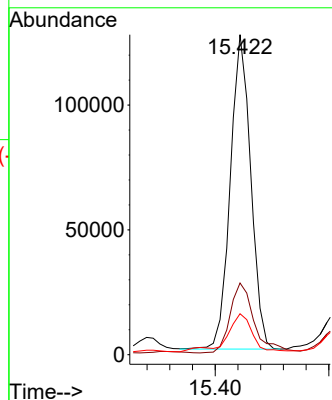
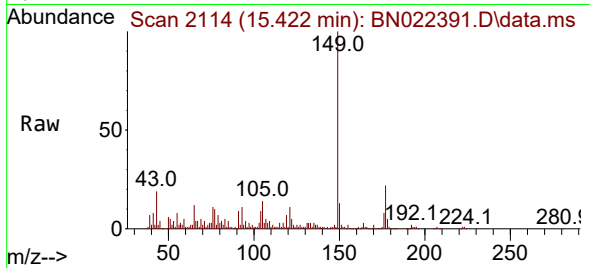




#59
Diethylphthalate
Concen: 5.731 ng/ul
RT: 15.422 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BN022391.D
Acq: 28 Oct 2022 19:40

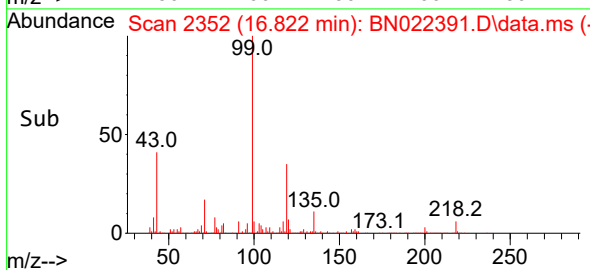
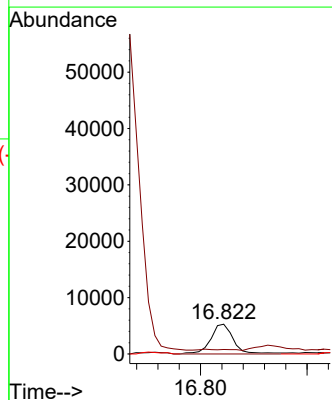
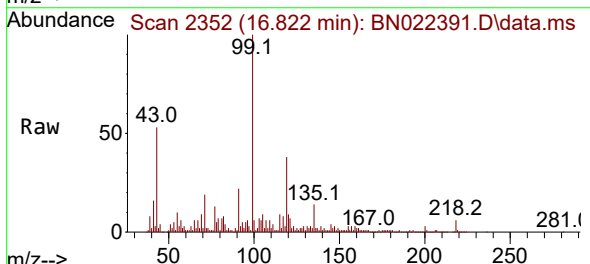
Instrument :
BNA_N
ClientSampleId :
BHA77

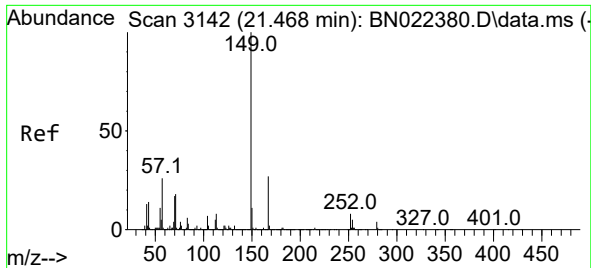
Tgt Ion:149 Resp: 157205
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 12.8 9.8 14.8



#70
Atrazine
Concen: 1.330 ng/ul
RT: 16.822 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BN022391.D
Acq: 28 Oct 2022 19:40

Tgt Ion:200 Resp: 7803
Ion Ratio Lower Upper
200 100
173 15.2 22.8 34.2#
215 0.0 38.1 57.1#





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.054 ng/ul
 RT: 21.457 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BN022391.D
 Acq: 28 Oct 2022 19:40

Instrument :
 BNA_N
 ClientSampleId :
 BHA77

Tgt Ion:149 Resp: 21464
 Ion Ratio Lower Upper
 149 100
 167 30.0 21.3 31.9
 279 5.0 2.9 4.3#

